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United States Department of Agriculture

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1943

(List of Pests Recorded During the Period July 1, 1942, to June 30, 1943, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report covers the thirtieth year for which lists of pest interceptions have been issued. During the first year, the fiscal year 1914, a total of 1,456 interceptions were recorded. The highest number in any list is 81,592 for the fiscal year 1940. Interceptions for the thirty-year period total more than 600,000.

The records summarized in this report include pests intercepted in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not imported through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Determinations of collections made near the close of the preceding year are included with data for the current year. In addition to routine reports and determinations by the personnel of this Bureau, considerable information is supplied by State and customs officials. Staffs of specialists maintained by the States of California and Florida and the Territory of Hawaii determine most of the interceptions made there, and specialists of the Bureau of Plant Industry determine a large part of the more difficult plant-disease material.

The scientific names of insects are checked by specialists in this Bureau and those of hosts and fungi by specialists in the Bureau of Plant Industry to make sure they conform to the appropriate international rules of nomenclature.

The alleged origin of plant materials cannot be verified in all cases, especially under present conditions. Obviously doubtful items are usually omitted but if of particular interest may be listed as of unknown origin.

The factors affecting the nature, number, and source of interceptions under normal conditions are too complicated for ready and satisfactory analysis. Hence the effects of war on the interceptions cannot be stated in specific terms with any assurance of accuracy. It is interesting to note, however, that in the list of interceptions for 1940 nearly 13.6 percent of the interceptions in the main detailed table were from Europe, for 1941 only 1.9 percent, and for 1942 only 1.7 percent. For 1940 the interceptions from Japan were nearly 2.2 percent, dropping to 1.6 percent for 1941 and to 0.16 percent for 1942.

Among the factors affecting the interceptions made, in addition to the virtual elimination of receipt of plant material from Axis-held territory, are reduction in plant pest control measures and curtailment of plant pest inspection services in foreign countries; limitations on shipping space and routes; and transfer of large groups of our population to other countries. These factors and others correlated with them undoubtedly affected the interception records.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha fraterculus was intercepted at New York in orange in stores from Brazil. *A. fraterculus* (?) was taken at New Orleans, New York, and the Inspection House in Washington, D. C., in coffee and oranges in mail and stores from Brazil. The Mexican fruitfly (*A. ludens*) was intercepted 71 times in oranges in baggage, quarters, and stores at Brownsville, El Paso, Fort Worth, Galveston, Hidalgo, Laredo, and Presidio, and 49 times in 9 other hosts in baggage, cargo, and stores and in 6 empty refrigerator cars at El Paso, all from Mexico. The Mexican fruitfly was also taken twice in oranges in baggage at Brownsville from Guatemala. The West Indian fruitfly (*A. mombinpraeoptans*) was intercepted 6 times in mangoes in baggage, quarters, and stores from the American Virgin Islands, Haiti, Jamaica, and Puerto Rico. *A. serpentina* was taken 6 times in mamey and sapodilla in baggage and quarters from Guatemala and Mexico. The Mediter-

ranean fruitfly (*Ceratitis capitata*) was intercepted twice with grapefruit and mangoes from Hawaii and the Union of South Africa. *C. capitata* (?) was taken at Newport News and New York in grapefruit and oranges in cargo and stores from Mozambique and the Union of South Africa.

INSECTS OTHER THAN FRUITFLIES

The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on leaves of *Citrus* sp. from Cuba and orange from Mexico. Pineapples from Mexico were infested with *Alpheias conspirata* (Galleriidae). *Anaphothrips orchidaceus* and *A. orchidii* (Thripidae) were taken on orchids from England. *Aonidiella comperei* (Coccidae) arrived on pomelo from Thailand. *Brachyrhinus arcticus* (Curculionidae) was taken in sod from Iceland and Scotland. *Bruchidius incarnatus* (Bruchidae) infested lentils and fava beans from Egypt. *Bruchus dentipes* (Bruchidae) was intercepted in fava beans from Arabia and Iraq. The turnip gall weevil (*Ceutorhynchus pleurostigma*) was taken in rutabagas and turnips from England. *Clerada apicicornis* (Lygaeidae) arrived with *Lilium* sp. from Bermuda. Potatoes from New Zealand were infested with *Colobicus parilis* (Colydiidae). *Conotrcahelus aguacatae* (Curculionidae) was found in avocados from Mexico. *Cyphosterna bicolor* (Cerambycidae) was intercepted in bamboo from Mexico. The rhododendron whitefly (*Dialeurodes chittendeni*) was taken on rhododendron leaves from England. *Epicaerus cognatus* (Curculionidae) infested potato from Mexico. *Epilachna varivestis* (Coccinellidae) arrived with lettuce and string beans from Mexico. *Epinotia opposita* (Olethreutidae) was taken in *Phaseolus* sp. from Mexico. *Cattleya* sp. from Venezuela was infested with *Eurytoma orchidearum* (Eurytomidae). The West Indian sweetpotato weevil (*Euscepes postfasciatus*) was intercepted in sweetpotatoes from Barbados, Brazil, Cuba, Peru, Puerto Rico, and Trinidad. *Frankliniella insularis* (Thripidae) was taken on *Rosa* sp. from Bahamas and Dominican Republic. *Gnorimoschema gudmannella* (Gelechiidae) arrived with peppers from Mexico. *Hoplandrothrips xanthopoides* (Phlaeothripidae) was found on orchid leaf from Colombia. String beans from Mexico were infested with *Laspeyresia leguminis* (Olethreutidae). *L. splendana* was taken in chestnuts from Portugal. *Lepidosaphes alba* (Coccidae) was intercepted on *Manihot* sp. from Peru. *Lixus mucronatus* (Curculionidae) arrived with celery from Portugal. *Macrosiphum rubiellum* (Aphiidae) was taken on buds of *Rubus* sp. from England. *Marava wallacei* (Labiidae) was found with wheat from Australia. The East Indian bean pod borer (*Maruca testulalis*) infested string beans from Cuba and Mexico. *Micrelus ericae* (Curculionidae) arrived with heather from Scotland. Corn from Mexico was infested with *Moodna bisinuella* (Phycitidae). *Mordellistena cattleyana* (Mordellidae) was intercepted in orchid leaf from Mexico. *Nasutitermes cornigera* (Termitidae) arrived under bark of log from Mexico, with *Caesalpinia* sp. (log) from Nicaragua, and with orchid plant from unknown locality. *Odonaspis saccharicaulis* (Coccidae) was found on sugarcane from Mozambique. The yam weevil (*Palaeopus costicollis*) was taken in sweetpotatoes from Jamaica and Trinidad and yam from Cuba. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cotton bolls from Mexico and Trinidad, cottonseed from Egypt, Mexico, Puerto Rico, and the Virgin Islands, and seed cotton from Cuba and Mexico. Carrots from England were infested with *Phyllotreta vittula* (Chrysomelidade). The carrot rust fly (*Psila rosae*) arrived with carrots from Algeria, England, and Morocco, parsnips from England and New Zealand, and turnip from England. The coffee berry borer (*Stephanoderes hampei*) infested coffee beans from Tanganyika. The mango weevil (*Sternochetus mangiferae*) was taken in mango seed from Hawaii. *Targionia sacchari* (Coccidae) was intercepted on ginger rhizome from India. *Tetramorium simillimum* (Formicidae) arrived with *Dioscorea* sp. (yam) from St. Lucia. *Thrips angusticeps* (Thripidae) was intercepted on cabbage from Morocco.

NOTES ON PLANT DISEASES INTERCEPTED

It may be noted that citrus canker (*Bacterium citri*) interceptions dropped to one for the year, and lima bean scab (*Elsinoe phaseoli*) from Cuba is missing from the list. In spite of the scarcity of banana shipments and the limited inspection they receive, the destructive banana leaf spot (*Cercospora musae*) was intercepted 25 times. The bulb and stem eelworm (*Ditylenchus dipsaci*) was intercepted half a dozen times. Sweet orange scab (*Elsinoe australis*), Australian citrus scab (*E. fawcettii scabiosa*), and citrus black spot (*Phoma citricarpa*) were intercepted during the year.

Quite a number of the entries are for organisms new to the interception files, and numerous others were intercepted from additional countries of origin or on additional hosts.

COMMON PESTS INTERCEPTED

Most of the pests found during the inspection of plant material are readily recognized as species already well established in this country. Representative samples of such forms are taken rather frequently and checked to make sure that similar forms not yet established are not being overlooked. Records are made of a part of the findings of some of these common pests and are summarized in this report to give a more accurate picture of the work. The numbers following the names of the pests indicate the number of countries of origin included and the number of interceptions recorded.

INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (10–55), *Ahasverus advena* (11–23), *Anthonomus eugenii* (1–5,002), *Aphis gossypii* (6–13), *Araecerus fasciculatus* (10–24), *Aspidiotus cyanophylli* (6–68), *A. hederae* (2–79), *A. lataniae* (13–336), *Carpocapsa pomonella* (5–104), *Cerataphis lataniae* (13–47), *Chrysomphalus aonidum* (9–38), *C. dictyospermi* (11–306), *Coccus hesperidum* (11–46), *Diaspis boisduvalii* (16–171), *D. bromeliae* (2–13), *Ephestia cautella* (8–12), *Etiella zinckenella* (1–16), *Gnorimoschema operculella* (12–226), *Heliothis armigera* (5–9,591), *H. virescens* (2–160), *Hippodamia convergens* (1–27), *Howardia biclavis* (9–12), *Keiferia lycopersicella* (1–7,673), *Laphygma exigua* (1–137), *L. frugiperda* (1–477), *Lasioderma serricorne* (6–37), *Lepidosaphes beckii* (22–104), *L. ulmi* (2–14), *Murgantia histrionica* (1–92), *Myzus persicae* (7–11), *Oryzaephilus surinamensis* (7–18), *Parlatoria pergandii* (9–17), *Pinnaspis minor* (5–22), *Plodia interpunctella* (3–25), *Pseudococcus adonidum* (4–27), *P. brevipes* (7–23), *P. citri* (5–24), *Rhizoglyphus echinopus* (7–44), *Saissetia hemisphaerica* (10–90), *S. oleae* (11–19), *Selenaspidus articulatus* (16–40), *Sitophilus oryza* (8–14), *Stegobium paniceum* (6–12), *Thrips tabaci* (6–11), *Tribolium castaneum* (10–18), *Typhaea stercorea* (10–35).

In addition to the listed species of common insects, there were 4,170 interceptions belonging to 474 different species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. Total of common insects interecepted, 29,523.

DISEASES

Common plant diseases intercepted 10 or more times, and recorded, included *Actinomyces scabies* (17–491), *Alternaria brassicae* (7–13), *A. solani* (2–12), *A. tomato* (1–1,696), *Aspergillus niger* (15–469), *Bacillus carotovorus* (5–10), *Bacterium phaseoli* (1–38), *B. vesicatorium* (3–1,478), *Botrytis cinerea* (9–15), *Cephalothecium roseum* (4–39), *Cercospora beticola* (2–16), *C. rosicola* (2–11), *Cladosporium fulvum* (2–42), *Colletotrichum circinans* (3–733), *C. gloeosporioides* (14–728), *C. lindemuthianum* (4–78), *C. orchidearum* (8–18), *Diplodia natalensis* (8–43), *Elsinoe fawcettii* (13–38), *Erysiphe graminis* (3–14), *E. polygoni* (1–156), *Gloeosporium limetticolum* (12–42), *G. musarum* (2–22), *Helminthosporium allii* (7–1,915), *Heterodera marioni* (8–29), *Mycosphaerella brassicicola* (6–24), *Oospora citriaurantii* (7–60), *O. lactis parasitica* (6–43), *O. pustulans* (3–10), *Penicillium digitatum* (9–53), *P. italicum* (7–17), *Phoma destructiva* (4–69), *Phomopsis citri* (12–27), *P. vexans* (6–12), *Puccinia allii* (3–12), *P. graminis* (12–44), *P. purpurea* (1–19), *Rhizoctonia solani* (19–755), *Rhizopus nigricans* (17–802), *Sclerotinia sclerotiorum* (11–28), *Sclerotium oryzae* (7–17), *Sphaceloma fawcettii* (18–23), *Spondylocladium atrovirens* (11–25), *Ustilago zeae* (1–24), *Venturia inaequalis* (10–41), *Verticillium cinnabarina* (12–46).

In addition to the listed species there were recorded 532 interceptions of 72 other species of common pathogens, making a total of 16,691 recorded interceptions of common diseases.

INCOMPLETELY DETERMINED PESTS

Many of the pests found by inspectors cannot be determined because they are new to science, or the material is inadequate or is not in condition or in the right stage to make an accurate determination possible.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, taken at Baltimore, Brownsville, El Paso, Laredo, and New York in grapefruit, mango, orange, peach, and pear from Argentina, Canal Zone, Mexico, and Trinidad; *Anastrepha* sp., probably *ludens*, at Laredo in railway car from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at Laredo in mango from Mexico; *Anastrepha* sp., perhaps *striata*, at Laredo in guava from Mexico; *Anastrepha* sp. at Brownsville, El Paso, Laredo, Miami, New York, San Diego, and Tampa in grapefruit, guava, mango, orange, and roseapple from Argentina, Colombia, Costa Rica, Guatemala, Jamaica, Mexico, and Trinidad; *Ceratitis* sp., probably *capitata*, at Newport News

in orange from the Union of South Africa; *Ceratitis* sp. at Miami in orange from Africa (army transport); *Dacus* sp. at Newport News in vegetable marrow from the Union of South Africa; *Epochra* sp., probably *canadensis*, at El Paso in currant from Mexico; *Rhagoletis* sp., probably *cingulata*, at St. Albans in wild cherry from Canada; *Rhagoletis* sp. at Brownsville, El Paso, Laredo, and St. Albans in husk tomato, red haw, walnut, and wild cherry from Canada and Mexico. Fourteen interceptions which could not be identified beyond family (Tephritidae) were taken at El Paso, Hoboken, Laredo, Newport News, New York, and Norfolk in *Celtis tala*, *Celtis* sp., husk tomato, orange, and walnut from Mexico, the Union of South Africa, and Uruguay.

In addition to the incompletely determined fruitflies the following miscellaneous insects of special interest were intercepted: *Acanthoscelides* sp., probably *submuticus* Sharp (Bruchidae), at El Paso in radish from Mexico; *Acrolophus* sp., near *fervidus* Busck (Acrolophidae), at San Juan with the roots of *Cattleya gaskelliana* from Venezuela; *Agriotes* sp., probably *obscurus* L. (Elateridae), at Boston in sod with sand ballast from Scotland; *Anaballus* sp., apparently *amplicollis* Fairm. (Curculionidae), at Hoboken in seeds of *Adenanthera* sp. in soldier's mail; *Anaballus* sp., probably *amplicollis* Fairm., at New York in sandalwood seed in soldier's mail; *Anacentrinus* sp., probably *deplanatus* Csy. (Curculionidae), at Brownsville and Laredo in sugarcane from Mexico; *Baris* sp., possibly *laticollis* Marsh. (Curculionidae), at Baltimore in turnip from Portugal; *Brachyrhinus* sp., probably *rugosostriatus* (Goeze) (Curculionidae), at Blaine in soil around miscellaneous plants from British Columbia; *Bruchus* sp., near *luteicornis* Ill. (Bruchidae), at Philadelphia in vetch from Portugal; *Bruchus* sp., near *rufipes* Hbst., at Baltimore in vetch seed from Portugal; *Calendra* sp., very near *phoeniciensis* Chttn. (Curculionidae), at Nogales on spinach from Mexico; *Calligrapha* sp., near *diversa* (Stal) (Chrysomelidae), at El Paso with mustard from Mexico; *Centrinaspis* sp., near *picumnus* Hbst. (Curculionidae), at Laredo on chrysanthemum from Mexico; *Centrinaspis* sp., near *tonsilis* Boh., at Laredo in corn from Mexico; *Coccotrypes* sp., possibly *rolliniae* Hopk. (Scolytidae), at Hoboken in *Euterpe* sp. seed in soldier's mail; *Curculio* sp., probably *elephas* Gyll. (Curculionidae), at Baltimore in chestnut from Portugal; *Diabrotica* sp., near *longicornis* (Say) (Chrysomelidae), at Brownsville with cut flowers from Mexico; *Dialeurodes* sp., possibly *glomerata* Singh (Aleyrodidae), at Boston on fig leaf from Queensland; *Eudalus* sp., probaly *setosus* Lec. (Curculionidae), at Brownsville with peanuts from Mexico; *Heterobostrychus* sp., probably *brunneus* (Mur.) (Bostrichidae), on African mahogany from Gold Coast; *Hypnoidus* sp., near *quadriplagiatus* Champ. (Elateridae), at Laredo on orchid from Mexico; *Leperisinus* sp., probably *oleiperda* (F.) (Scolytidae), at New York on oak from England; *Micrapate* sp., near *sericeicollis* Lesne (Bostrichidae), at Nogales in bamboo from Mexico; *Neodryocoetes* sp., near *hoodi* Blkm. (Scolytidae), at San Francisco in courbaril seed from Venezuela; *Psylliodes* sp., probably *chrysocephala* L. (Chrysomelidae), at El Paso, New York, and Philadelphia in turnips from England and Mexico; *Rhynchites* sp., near *auratus* Scop. (Curculionidae), at Washington, D. C., in *Prunus* sp. seed from Iran; *Stephanoderes* sp., near *fiebrigi* Hopk. (Scolytidae), at Hoboken in *Triplaris* sp. seed from Peru; *Tetralicia* sp., possibly *rotunda* J. Baker (Aleyrodidae), at Nogales on Grecian laurel from Mexico.

In addition to the incompletely determined insects listed above there were 4,296 interceptions which could be identified to genus only. These were distributed among 627 different genera. A total of 93 could be determined to family and subfamily only.

Total of incompletely determined insects intercepted, 4,501.

DISEASES

Incompletely determined plant diseases intercepted during the year included *Ceratostomella* sp., *Cercospora* sp., and *Helminthosporium* sp. on husk tomatoes from Mexico; *Diplodia* sp. on eggplant from Puerto Rico; *Helminthosporium* sp. on tomatoes from Mexico; *Microdiplodia* sp. on a rose bush from Egypt; *Nectria* sp. on a banana leaf from Panama; *Ophiobolus* sp. on an orchid from Colombia; *Pestalozzia* sp. and *Phoma* sp. on guavas from Mexico; *Phoma* sp. on an oxalis tuber from Bolivia and on chayote from Mexico; *Phyllosticta* sp. on a number of hosts from Mexico, including onions, orchids, cereals, flowering herbs, and shrubs, walnut, alfalfa, guava, chayote, and spinach; *Puccinia* sp. on various plants, including barley, from French Africa, oats from Australia and India, rye from England and Portugal, and wheat from Australia, French Africa, Morocco, and Portugal; *Sclerotium* sp. on wheat leaves from Australia and wheat stems from New Hebrides; and *Uredo* sp. on *Salvia wagneriana* from Guatemala.

Incompletely determined pathogens recorded during the year totaled 6,251.

ENTOMOGENOUS FUNGI

Reports of entomogenous fungi noted during the course of inspection included *Aegerita webberi* Fawc. on *Dialeurodes citri* on tangerines from Panama; *Aschersonia cubensis* Berk. & Curt. on an undetermined scale insect on Cape-jasmine from Costa Rica and on *Vinsonia stellifera* (?) on Cape-jasmine from Puerto Rico; *Aschersonia* sp. on an undetermined host on *Manilkara bidentata* leaves from Peru; *Cephalosporium lecanii* Zimm. on *Coccus acuminatus* on Cape-jasmine from Costa Rica, on *C. viridis* on Cape-jasmine from Puerto Rico and from Venezuela, and on *Pulvinaria pyriformis* on Cape-jasmine from Colombia; *Myriangium duriaei* Mont. on *Lepidosaphes beckii* on oranges from Brazil and from Jamaica and on sour orange from Puerto Rico; *Nectria diploa* Berk. & Curt., 23 reports, hosts including *Chrysomphalus aonidum* on orange from Jamaica, *Fiorinia theae* on camellia from Costa Rica, *Lepidosaphes beckii* on "citrus" and on grapefruit from Cuba, on orange from Haiti, Honduras, Jamaica, and Panama, on sour orange from Puerto Rico, and on tangerine from Panama, on *Leucaspis cockerelli* on orange from Colombia, and on *Selenaspidus articulatus* on "citrus" from Puerto Rico, on lemon from Haiti and on orange from Brazil; *Podonectria coccicola* (Ell. & Ev.) Petch on *Lepidosaphes beckii* on orange from Brazil; and *Sphaerostilbe* sp. on undetermined hosts on *Pedilanthus macrocarpus* from Mexico and on *Picramnia quaternaria* from Costa Rica.

Geographic summary of interceptions listed in main table and interception totals

Country	Insects	Diseases
Africa:	*Number*	*Number*
Algeria	3	0
Belgian Congo	1	0
Egypt	6	0
French West Africa	1	0
Gold Coast	10	0
Morocco	2	1
Mozambique	2	1
Tanganyika	1	0
Union of South Africa	7	5
Asia:		
Arabia	3	0
Burma	0	1
China	2	2
Cyprus	2	0
India	8	1
Iraq	1	0
Japan	2	10
Palestine	1	0
Thailand	1	1
Australasia:		
Australia	3	27
Hawaii	18	0
New Caledonia	3	0
New Hebrides	0	1
New Zealand	3	3
Philippines	1	0
Queensland	1	0
Samoa	0	1
Europe:		
Azores	0	1
England	73	15
Ireland	1	4
Italy	1	1
Portugal	14	14
Scotland	7	0
Spain	1	1
Wales	0	1
North America:		
Bermuda	4	1
Canada	28	10
British Columbia	2	0
Central America		
British Honduras	2	0
Canal Zone	25	0
Costa Rica	35	1
Guatemala	13	4
Honduras	28	2
Nicaragua	4	7

Country	Insects	Diseases
North America—Continued.	*Number*	*Number*
Central America—Con.		
Panama	10	1
Salvador	1	2
Iceland	3	0
Mexico	2,148	477
West Indies		
American Virgin Islands	1	1
Bahamas	1	0
Barbados	1	0
Cuba	62	5
Dominican Republic	8	1
Dutch West Indies	1	0
Haiti	3	0
Jamaica	18	2
Puerto Rico	14	3
St. Lucia	1	0
St. Vincent	2	0
Trinidad	26	5
Virgin Islands	1	0
South America:		
Argentina	1	4
Brazil	27	8
British Guiana	2	0
Colombia	8	5
Ecuador	2	0
Peru	10	0
Uruguay	3	2
Venezuela	25	4
Total:		
Africa	33	7
Asia	20	15
Australasia	29	32
Europe	97	37
North America	2,442	522
South America	78	23
Unknown	11	0
Total	2,710	636
Total (common pests, p. 3)	29,523	16,691
Total (incompletely determined pests p. 4)	4,501	6,251
Entomogenous fungi		39
Total insects	36,734	
Total diseases		23,617
Grand total		60,351

NOTE.—In addition to the countries named above, interceptions including common pests (p. 3) and incompletely determined pests (p. 4) were made from Africa, American Samoa, Antipodes, Aruba, Bolivia, British East Africa, Canton Island, Ceylon, Chile, Curacao, Dutch Guiana, Fiji Islands, France, Madeira Islands, New Guinea, Nigeria, North Africa, Oceania, Paraguay, Sierra Leone, Tahiti, Taiwan, Tonga Islands, West Indies, and Yugoslavia.

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive

[All findings with an asterisk indicate State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Acanthoscelides alticola (Sharp) (Bruchidae):					
Cassia occidentalis (coffee senna)	Canal Zone			1	N. J.
Acanthoscelides ceratioborus (Philippi) (Bruchidae):					
Caesalpinia sp	Peru	1			N. Y.
Prosopis chilensis (algarrobo)	do	1		1	N. J., N. Y.
Acanthoscelides dominicanus (Jek.) (Bruchidae):					
Caesalpinia coriaria (divi-divi)	Colombia, Dominican Republic, Mexico, Salvador.	9		2	Fla.*, La., N. J., N. Y., Tex.
Caesalpinia sp	Mexico	1			N. Y.
Acanthoscelides flexicaulis (Schffr.) (Bruchidae):					
Pithecellobium flexicaule (ebony apes-earring)	do	1			Tex.
Acanthoscelides griseolus (Fall) (Bruchidae):					
Sesbania sp	do	1			Calif.
Acanthoscelides sallaei (Sharp) (Bruchidae):					
Rosa sp	do	1			Tex.
Acanthoscelides spinipes (Er.) (Bruchidae):					
Acacia farnesiana (sweet acacia)	Uruguay			3	D. C., N. J. N. Y.
Acinaces lebasi Gerst. (Endomychidae):					
Oryza sativa (rice)	Brazil	1			N. Y.
Actenodes mendez Horn (Buprestidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Adelphocoris rapidus (Say) (Miridae):					
Chrysanthemum sp	do	1			Tex.
Adistemia watsonia (Woll.) (Lathridiidae):					
Guilfoylia monostylia	Australia	1			N. Y.
Adraneothrips tibialis Hood (Phlaeothripidae):					
Musa paradisiaca sapientum (banana)	Cuba	1			Fla.*
Aeolus pulchellus Cand. (Elateridae):					
Orchid	Mexico			1	Tex.
Aganactesis indecora Dyar (Gallerlidae):					
Cassia grandis (pinkshower)	Trinidad	2			N. J.
Agromyza virens Loew (Agromyzidae):					
Daucus carota sativa (carrot)	Mexico	2			Tex.
Phaseolus sp. (string bean)	do	14			Ariz., Tex
Aleurocanthus woglumi Ashby (Aleyrodidae):					
Citrus sinensis (orange)	do	2			Ariz.
Citrus sp	Cuba	1			Fla.*
Aleuroplatus myricae (Q.) (Aleyrodidae):					
Epigaea repens (trailing arbutus)	Canada	2			Mass.
Aleurothrixus howardi (Q.) (Aleyrodidae:					
Citrus sp	Puerto Rico	1			Fla.*
Alpheias conspirata Hein. (Galleriidae):					
Ananas comosus (pineapple)	Mexico	26			Ariz., Tex.
Amphicerus cornutus (Pallas) (Bostrichidae):					
Agave rigida sisalana (sisal hemp)	do	1			Tex.
Agave sp	do	1			Tex.
Bamboo	do	2			Ariz.
Herb	do	2			Tex.
Manganese	do		1		Tex.
Sapindus sp. (soapberry)	do	2			Tex.
Solanum melongena (eggplant)	do	1			Ariz.
Wood bracing in railroad car	do		1		Ariz.
Anacentrinus deplanatus Csy. (Curculionidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Anaphothrips orchidaceus Bagn. (Thripidae):					
Miltonia sp. (orchid)	England			1	Hawaii.*
Anaphothrips orchidii (Mlt.) (Thripidae):					
Cattleya sp. (orchid)	do			1	N. J.
Anastrepha fraterculus (Wied.) (Tephritidae):					
Citrus sinensis (orange)	Brazil		1		N. Y.

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Anastrepha fraterculus (Wied.) (?) (Tephritidae):					
Citrus sinensis	Brazil		2		La., N. Y.
Coffea arabica (Arabian coffee)	do			1	D. C.
Anastrepha ludens (Loew) (Tephritidae):					
Citrus aurantifolia (sweet lime)	Mexico	5			Tex.
Citrus aurantium (sour orange)	do	2			Tex.
Citrus paradisi (grapefruit)	do	2			Tex.
Citrus sinensis (orange)	Guatemala, Mexico	71	2		Tex.
Cydonia oblonga (quince)	Mexico	2			Tex.
Mammea americana (mamey)	do	1			Tex.
Mangifera indica (mango)	Cuba, Mexico (1 in railway car).	25	1		Ariz., La., Tex.
Persea americana (avocado)	Mexico	5			Tex.
Punica granatum (pomegranate)	do	3			Tex.
Empty refrigerator car	do		6		Tex.
Sapote	do	1	1		Tex.
Anastrepha mombinpraeoptans Sein (Tephritidae):					
Mangifera indica (mango)	American Virgin Islands, Haiti, Jamaica, Puerto Rico.	1	5		Fla.*, P. R.
Anastrepha serpentina (Wied.) (Tephritidae):					
Achras zapota (sapodilla)	Guatemala		1		Fla.*
Mammea americana (mamey)	Mexico	5			Ariz., Tex.
Anuraphis helichrysi (Kalt.) (Aphiidae):					
Myrtillocactus grandiareolatus (cactus)	do			1	Tex.
Aonidia lauri (Bouche) (Coccidae):					
Laurus nobilis (Grecian laurel)	Cyprus	2			N. Y.
Aonidiella comperei McKenzie (Coccidae):					
Citrus grandis (pomelo)	Thailand	1			N. Y.
Aonidiella inornata McKenzie (Coccidae):					
Jasminum sambac (Arabian jasmine)	Hawaii			1	Calif.*
Aphodius granarius (L.) (Scarabaeidae):					
Lycopersicon esculentum (tomato)	Mexico	2			Ariz., Tex.
Arvelius albopunctatus (Deg.) (Pentatomidae):					
Capsicum frutescens (pepper)	do	4			Ariz.
Aspidiotus covilleae Ferris (Coccidae):					
Echinocereus sp	do			1	Ariz.
Plumeria sp	do			1	D. C.
Aspidiotus degeneratus (Leon) (?) (Coccicidae):					
Odontoglossum rossi (orchid)	do			1	N. J.
Aspidiotus destructor Sign. (Coccidae):					
Carica papaya (papaya)	Cuba	3			Fla.*
Musa paradisiaca sapientum (banana)	British Honduras, Costa Rica, Cuba, Guatemala, Honduras, Panama.	42			Calif.*, Fla.*
Palm	Honduras	1			Fla.*
Sechium edule (chayote)	Cuba	1			Fla.*
Aspidiotus excisus Green (Coccidae):					
Cocos nucifera (coconut)	Trinidad	1			N. J.
Aspidiotus forbesi Johns. (Coccidae):					
Malus pumila (apple)	Mexico	2			Ariz.
Aspidiotus herculeanus Doane & Haddon (Coccidae):					
Hymenaea courbaril (courbaril)	Trinidad	1			N. Y.
Aspidiotus palmae (Ckll.) (Coccidae):					
Gardenia jasminoides (Cape-jasmine)	Venezuela		1		Fla.*
Musa paradisiaca sapientum(banana)	Costa Rica, Honduras, Panama.	13			Calif.*, Fla.*
Aspidiotus spinosus Comst. (Coccidae):					
Sapote	Cuba		1		Fla.*
Asterolecanium bambusae (Bdv.) (Coccidae):					
Bamboo	Mexico	1			Ariz.
Asterolecanium epidendri (Bouche) (Coccidae):					
Brassia sp. (orchid)	Costa Rica			1	N. J.
Cattleya dowiana (orchid)	Canal Zone, Costa Rica			2	Calif.*, N. J.
Epidendrum sp. (orchid)	Unknown (soldier's mail)			1	N. J.
Asterolecanium palmae Ckll. (Coccidae):					
Cocos nucifera (coconut)	Jamaica	1			Fla.*

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Asterolecanium pustulans (Ckll.) (Coccidae):					
Coleus sp.	Cuba		1		Fla.*
Hibiscus sp.	Hawaii			1	Calif.*
Pimenta officinalis (allspice pimenta)	Cuba	1			P. R.
Ataxia hubbardi Fisher (Cerambycidae):					
Lactuca sativa (lettuce)	Mexico	2			Tex.
Athous subfuscus Mul. (Elateridae):					
Soil around roots of walnut log	England	1			N. Y.
Aufeius impressicollis Stal (Coreidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Aulacaspis mangiferae (Newst.) (Coccidae):					
Mangifera indica (mango)	Trinidad	1			Fla.*
Autographa brassicae (Riley) (Phalaenidae):					
Brassica oleracea botrytis (cauliflower)	Mexico	1			Tex.
Baris aerea (Boh.) (Curculionidae):					
Chrysanthemum sp.	do	1			Tex.
Barypeithes pellucidus Boh. (Curculionidae):					
Rhododendron sp.	England			1	Wash.
Bitoma brevipes (Sharp) (Colydiidae):					
Swietenia mahagoni (mahogany)	Mexico	1			Tex.
Bitoma socialis Pasc. (Colydiidae):					
Bark of log	do	1			Tex.
Blissus pulchellus Mont. (Lygaeidae):					
Ananas comosus (pineapple)	do	1			Tex.
Bothrideres setiger Sharp (Colydiidae):					
Swietenia mahagoni (mahogany)	do	1			Tex.
Brachyrhinus arcticus (O Fabr.) (Curculionidae):					
Sod and moss with top soil	Iceland	1			N. Y.
Sod grass roots	Scotland	1			N. Y.
Brentus mexicanus Boh. (Brentidae):					
Under bark of log	Mexico	2			Tex.
Brochymena sulcata Van D. (Pentatomidae):					
Brassica sp. (mustard)	do	1			Tex.
Bruchidius incarnatus Boh. (Bruchidae):					
Lens culinaris (lentil)	Egypt		1		N. Y.
Vicia faba (fava bean)	do		1		N. Y.
Bruchidius villosus (F.) (Bruchidae):					
Cytisus scoparius (Scotch broom)	England			1	N. J.
Bruchus dentipes (Baudi) (Bruchidae):					
Vicia faba (fava bean)	Arabia, Iraq			2	N. J., N. Y.
Bruchus pisi L. (Bruchidae):					
Pisum sativum (pea)	Japan			1	Hawaii.*
Bruchus tristiculus Fahr. (Bruchidae):					
Bean	Portugal	1			N. Y.
Lathyrus sp. (?)	do	1			Pa.
Bruchus ulicis Muls. & Ray (Bruchidae):					
Vicia ervilia (bitter vetch) (?)	Italy	1			N. Y.
Callidium texanum Schaef. (Cerambycidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Calligrapha pantherina (Stal) (Chrysomelidae):					
Odontoglossum grande (orchid)	Guatemala			1	Calif.*
Callosobruchus analis (F.) (Bruchidae):					
Vigna sinensis (cowpea)	Arabia			1	D. C.
Callosobruchus chinensis (L.) (Bruchidae):					
Cajanus cajan (pigeon pea)	Puerto Rico	1			Tex.
Cicer arietinum (chickpea)	India		2		N. Y.
Pisum sativum (pea)	Union of South Africa		1		N. Y.

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Callosobruchus maculatus (F.) (Bruchidae)					
Bean	Mexico	1			Tex.
Cajanus cajan (pigeon pea)	Jamaica	5			N. J., N. Y.
Cicer arietinum (chickpea)	Egypt, Mexico	18	3		Ariz., N. Y., Tex.
Lens culinaris (lentil)	French West Africa		1		Pa.
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Phaseolus aureus (mung bean)	Philippines	1			Hawaii.*
Phaseolus sp.	Jamaica	1			Hawaii.*
Pisum sativum (pea)	do	1			Hawaii.*
Camptoprosopella media Shewell (Sapromyzidae):					
Capsicum frutescens (pepper)	Mexico	1			Ariz.
Carneocephala nuda Nottingham (Cicadellidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Carneocephala sagittifera (Uhl.) (Cicadellidae):					
Lactuca sativa (lettuce)	do	2			Tex.
Carfodere ruficollis (Marsh.) (Lathridiidae):					
Agaricus campestris (mushroom)	Japan	1			Hawaii.*
Caryedon fuscus (Goeze) (Bruchidae):					
Samanea saman (raintree saman)	Hawaii	1			Calif.*
Caryobruchus gleditsiae (L.) (Bruchidae):					
Pithecellobium flexicaule (ebony apes-earring).	Mexico		1		Tex.
Catolethrus longulus Boh. (Curculionidae):					
Ananas comosus (pineapple)	do	1			Tex.
Catorama tabaci (Guer.) (Anobiidae):					
Boehmeria nivea (ramie)	do	1			Tex.
Zea mays (corn)	do		1		Tex.
Celama sorghiella (Riley) (Nolidae):					
Sorghum vulgare (sorghum)	do	2			Tex.
Celerio lineata (F.) (Sphingidae):					
Beta vulgaris cicla (Swiss chard)	do	1			Tex.
Ceratitis capitata Wied. (Tephritidae):					
Mangifera indica (mango)	Hawaii	1			Calif.*
On paper wrapper around grapefruit	Union of South Africa		1		N. Y.
Ceratitis capitata Wied. (?) (Tephritidae):					
Citrus paradisi (grapefruit)	do		2		N. Y., Va.
Citrus sinensis (orange)	Mozambique, Union of South Africa.		2		N. Y., Va.
Ceratocapsus apicalis Kngt. (Miridae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Ceratocapsus punctulatus (Reut.) (Miridae):					
Lactuca sativa (lettuce)	do	3			Tex.
Raphanus sativus (radish)	do	1			Tex.
Ceroplastes cirripediformis Comst. (Coccidae):					
Piper nigrum (black pepper)	do	1			Ariz.
Cerotoma atrofasciata Jac. (Chrysomelidae):					
Phaseolus sp. (string bean)	do	1			Tex.
Ceutorhynchus pleurostigma Marsh. (Curculionidae):					
Brassica napobrassica (rutabaga)	England		3		N. Y., Pa.
Brassica rapa (turnip)	do		3		La., N. Y., Pa.
Ceutorhynchus quadridens Panz. (Curculionidae):					
Brassica oleracea botrytis (cauliflower)	do		1		Va.
Brassica oleracea capitata (cabbage)	do		1		N. Y.
Brassica rapa (turnip)	Algeria		1		Md.

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Chaetopsis fulvifrons (Macq.) (Otitidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Lycopersicon esculentum (tomato)	do	1			Ariz.
Scirpus sp.	do	2			Tex.
Chalarus spurius (Fall.) (Dorylaidae):					
Pisum sativum (pea)	do	1			Ariz.
Chapuisia mexicana Duges (Chapuisidae):					
Lycopersicon esculentum (tomato)	do	2			Ariz.
Chilo loftini Dyar (Crambidae):					
Cymbopogon citratus (lemongrass)	do	2			Ariz.
Chilo simplex (Butler) (?) (Crambidae):					
Oryza sativa (rice)	South Pacific	1			N. Y.
Chrysomphalus albopictus (Ckll.) (Coccidae):					
Gardenia jasminoides (Cape-jasmine)	Mexico		1		La.
Musa paradisiaca sapientum (banana)	Guatemala, Mexico	2			Ala., Tex.
Persea americana (avocado)	Mexico	8			Tex.
Chrysomphalus nigropunctatus (Ckll.) (Coccidae):					
Laelia sp. (orchid)	do			1	Calif.
Chrysomphalus personatus (Comst.) (Coccidae):					
Mangifera indica (mango)	Trinidad	1			Fla.*
Chrysomphalus scutiformis (Ckll.) (Coccidae):					
Musa paradisiaca sapientum (banana)	Honduras	1			Fla.*
Chrysomphalus smilacis (Comst.) (Coccidae):					
Dasylirion sp. (sotol)	Mexico	1			Tex.
Chrysomphalus umboniferus (Newst.) (Coccidae):					
Calanthe sp. (orchid)	Canal Zone			1	Calif.*
Dendrobium sp. (orchid)	do			1	Calif.*
Epidendrum atropurpureum (orchid)	do			1	Calif.*
Epidendrum stamfordianum	do			1	N. J.
Epidendrum sp.	Guatemala			1	Calif.*
Musa paradisiaca sapientum (banana)	Costa Rica	1			Calif.*
Vanilla planifolia (orchid)	Canal Zone			1	Calif.*
Vanilla sp.	do			1	Calif.*
Ciocirius dorsivittatus (Van D.) (Fulgoridae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Clepsis busckana Keif. (Tortricidae):					
Cyclamen sp.	British Columbia			1	Wash.
Clerada apicicornis Sign. (Lygaeidae):					
Lilium sp.	Bermuda	1			N. Y.
Clytus arietis L. (Cerambycidae):					
Ulmus sp. (elm)	England	1			N. Y.
Coccus viridis (Green) (Coccidae):					
Gardenia jasminoides (Cape-jasmine)	Canal Zone, Colombia, Costa Rica, Cuba, Dominican Republic, Honduras, Panama, Puerto Rico, Venezuela.	19			Fla.*
Coleophora laricella (Hbn.) (Coleophoridae):					
Larix sp. (larch)	Canada	1			Mass.
Ledum spp.	do	1			Mass.
Colias eurytheme Bdv. (Pieridae):					
Medicago sativa (alfalfa)	Mexico	1			Tex.
Colobicus parilis Fasc. (Colydiidae):					
Solanum tuberosum (potato)	New Zealand		2		Pa.
Colydodes gibbiceps (Sharp) (Colydiidae):					
Under bark of log	Mexico	1			Tex.
Conchaspis angraeci Ckll. (Coccidae):					
Oncidium stipitatum (orchid)	Canal Zone			1	Calif.*
Schomburgkia undulata (orchid)	do			1	Calif.*
Conoderus exsul (Sharp) (Elateridae):					
Quarters of airplane	South Pacific		1		Hawaii.*
Conoderus lividus Deg. (Elateridae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Conoderus vespertinus (F.) (Elateridae):					
Lactuca sativa	do	1			Tex.
Conotrachelus aguacatae Barber (Curculionidae):					
Persea americana (avocado)	do	186			Tex.

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Conotrachelus integer Csy. (Curculionidae):					
Quercus sp. (acorn)	Mexico	32			Ariz., Calif., Tex.
Conotrachelus leucophaeatus Fahr. (Curculionidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Conotrachelus seniculus Lec. (Curculionidae):					
Daucus carota sativa (carrot)	do	1			Tex.
Lactuca sativa (lettuce)	do	1			Tex.
Lycopersicon esculentum (tomato)	do	1			Tex.
Medicago sativa (alfalfa)	do	1			Tex.
Persea americana (avocado)	do	1			Tex.
Petroselinum crispum (parsley)	do	1			Tex.
Sorghum vulgare (sorghum)	do	1			Tex.
Corcyra cephalonica (Staint.) (Galleriidae):					
Grass seed	Dominican Republic			1	P. R.
Phaseolus aureus (mung bean)	Dutch West Indies			1	N. Y.
Cossonus canaliculatus F. (Curculionidae):					
Log	Mexico	4			Tex.
Crocidosema plebeiana Zell. (Olethreutidae):					
Crataegus sp. (red haw)	do	1			Tex.
Cryphula apicatus (Dist.) (Lygaeidae):					
Ananas comosus (pineapple)	do	1			Tex.
Orchid	do			1	Tex.
Cryphula parallogramma Stal (Lygaeidae):					
Lycopersicon esculentum (tomato)	do	1			Tex.
Curculio q-griseae Chttn. (Curculionidae):					
Quercus sp. (acorn)	do	34			Ariz., Tex.
Cylas formicarius elegantulus (Summers) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Cuba, Jamaica, Mexico, Puerto Rico.	27	27		Ala., Fla.*, N. Y., Pa., Tex.
Cylas formicarius, prob. subsp. *elegantulus* (Summers) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Cuba, Honduras, Mexico.		14		Ala., Tex.
Cylas formicarius, perhaps subsp. *formicarius* F. (Curculionidae):					
Ipomoea batatas (sweetpotato)	India		2		Ga.
Cylas formicarius (F.), subsp. (?) (Curculionidae):					
Dioscorea sp. (yam)	Australia		1		Calif.*
Cyllene antennatus White (Cerambycidae):					
Prosopis sp. (mesquite)	Mexico	1			Ariz.
Cyllene congener C. & G. (Cerambycidae):					
Bamboo	Brazil		1		Calif.*
Cyphosterna bicolor Chevr. (Cerambycidae):					
Bamboo	Mexico	1			Ariz.
Cyrtopeltis varians (Dist.) (Miridae):					
Lycopersicon esculentum (tomato)	do	1			Ariz.
Dactylosternum abdominale (F.) (Hydrophilidae):					
Physalis sp. (husk tomato)	do	1			Tex.
Solanum tuberosum (potato)	do		1		Tex.
Deloyala guttata (Oliv.) var. (Chrysomelidae):					
Orchid	do			1	Tex.
Deltocephalus comesus DeL. & S. (Cicadellidae):					
Pinus sp. (pine)	do	1			Tex.
Dendrobiella aspera (Lec.) (Bostrichidae):					
Prosopis sp. (mesquite)	do	1			Calif.
Dercynus micornyx Champ. (Curculionidae):					
Brownea sp.	Trinidad			1	Fla.*
Cynometra trinitensis	do			1	Fla.*

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Dialeurodes chittendeni Laing (Aleyrodidae):					
Rhododendron sp.	England			1	N. J.
Dialeurodes citri (Ash.) (Aleyrodidae):					
Citrus reticulata (tangerine)	Panama		1		Fla.*
Dialeurodes kirkaldyi (Kot.) (Aleyrodidae):					
Jasminum sambac (Arabian jasmine)	Hawaii			1	Calif.*
Diatraea grandiosella Dyar (Crambidae):					
Zea mays (corn)	Mexico	2			Ariz.
Diatraea saccharalis (F.) (Crambidae):					
Zea mays (corn)	do	1			Tex.
Dinoderus bifoveolatus Woll. (Bostrichidae):					
Ipomoea purga (jalapa)	India	1			N. Y.
Serjania mexicana (barbasco)	Peru	2			N. Y.
Wood	Mexico	1			Tex.
Dinoderus brevis Horn (Bostrichidae):					
Bamboo	China	1			Tex.
Disonycha militaris Jac. (Chrysomelidae):					
Capsicum frutescens (pepper)	Mexico	1			Ariz.
Dorcus parallelopipedus L. (Lucanidae):					
Juglans sp. (walnut)	England	2			N. Y.
Quercus sp. (oak)	do	1			N. Y.
Dorytomus luridus (Mann.) (Curculionidae):					
Convallaria majalis (lily-of-the-valley)	Canada	2			Wash.
Draeculacephala lenticula Ball (Cicadellidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Draeculacephala minerva Ball (Cicadellidae):					
Apium graveolens (celery)	do	1			Tex.
Lactuca sativa (lettuce)	do	1			Tex.
Drasterius livens Lec. (Elateridae):					
Beta vulgaris (beet)	do	1			Tex.
Drasterius scutellatus Schfr. (Elateridae):					
In cabin of airplane	Canal Zone		1		Tex.
Brassica oleracea capitata (cabbage)	Mexico	1			Tex.
Citrus sinensis (orange)	do		1		Tex.
Persea americana (avocado)	do	1			Tex.
Dryocoetes villosus (F.) (Scolytidae):					
Quercus sp. (oak)	England	1			N. Y.
Edessa cornuta Burm. (Pentatomidae):					
Orchid	Mexico			1	Tex.
Elasmopalpus lignosellus (Zell.) (Phycitidae):					
Phaseolus sp. (string bean)	do	1			Ariz.
Empoasca solana DeL. (Cicadellidae):					
Lactuca sativa (lettuce)	do	4			Ariz., Tex.
Phaseolus sp. (string bean)	do	1			Ariz.
Epicaerus cognatus Sharp (Curculionidae):					
Solanum tuberosum (potato)	do	1			Tex.
Epicauta callosa Lec. (Meloidae):					
Ananas comosus (pineapple)	do	1			Tex.
Epicauta nigritarsis Lec. (Meloidae):					
Ananas comosus (pineapple)	do	1			Tex.
Lactuca sativa (lettuce)	do	1			Tex.
Epicauta tenella (Lec.) (Meloidae):					
Solanum tuberosum (potato)	do	1			Ariz.
Epicauta virgulata (Lec.) (Meloidae):					
Mixed vegetables	do	1			Ariz.
Epilachna varivestis Muls. (Coccinellidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Phaseolus sp. (string bean)	do	2			Tex.
Epinotia opposita Hein. (Olethreutidae):					
Phaseolus sp. (string bean)	do	118	1		Ariz., Tex.
Epitrix fasciata Blatch. (Chrysomelidae):					
Lycopersicon esculentum (tomato)	do	2			Ariz., Tex.
Epitrix hirtipennis (Melsh.) (Chrysomelidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Lycopersicon esculentum (tomato)	do	1			Ariz.
Ercunetis flavistriata (Walsm.) (Tineidae):					
Cocos nucifera (coconut)	Hawaii	1	1		Calif.*

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Erynephala puncticollis (Say) (Chrysomelidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Eucalymnatus tessellatus (Sign.) (Coccidae):					
Gardenia jasminoides (Cape-jasmine)	Colombia, Mexico, Panama.	9	2		Fla.*, Tex.
Eumecosomyia nubila (Wied.) (Otitidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Physalis sp. (husk tomato)	do	2			Tex.
Scirpus sp. (tule)	do	1			Tex.
Zea mays (corn)	do	361	5		Ariz., Tex.
Euphoria kerni Hald. (Scarabaeidae):					
Chrysanthemum maximum (shasta daisy).	do	1			Tex.
Daisy	do	1			Tex.
Rosa sp. (rose)	do	1			Tex.
Euphoria nitens Csy. (Scarabaeidae):					
Ananas comosus (pineapple)	do	1			Tex.
Eurycipitia vestitus Dist. (Miridae):					
Orchid	do			2	Tex.
Eurytoma orchidearum (Westw.) (Eurytomidae):					
Cattleya sp. (orchid)	Venezuela			2	N. J.
Euscepes postfasciatus (Fairm.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Barbados, Brazil, Cuba, Peru, Puerto Rico, Trinidad.	20			Ala., Fla.*, La., Mass., N. Y
Euxesta notata (Wied.) (Otitidae):					
Cucurbita maxima (squash)	Mexico	3			Tex.
Euxesta sororcula (Wied.) (Otitidae):					
Persea americana (avocado)	do	1			Tex.
Euxesta stigmatias Loew (Otitidae):					
Zea mays (corn)	do	57			Ariz., Tex.
Everes comyntas (Godart) (Lycaenidae):					
Phaseolus sp. (string bean)	do	19			Tex.
Pisum sativum (pea)	do	1			Tex.
Evergestis rimosalis (Guen.) (Pyraustidae):					
Brassica oleracea botrytis (cauliflower)	do	3			Tex.
Brassica oleracea capitata (cabbage)	do	3			Tex.
Brassica rapa (turnip)	do	1			Tex.
Rorippa nasturtium-aquaticum (watercress).	do	1			Tex.
Exitianus obscurinervis (Stal) (Cicadellidae):					
Lycopersicon esculentum (tomato)	do	1			Ariz.
Exptochiomera caeca (Dist.) (Lygaeidae):					
Capsicum frutescens (pepper)	do	1			Tex.
Faustinus cubae (Boh.) (Curculionidae):					
Capsicum frutescens	Trinidad		1		Md.
Feltia subterranea (F.) (Phalaenidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Forcipomyia raleighi Macfie (Heleidae):					
Lilium longiflorum (Easter lily)	do			1	Tex.
Forficula auricularia L. (Forficulidae):					
Secale cereale (rye)	Portugal	1			Pa.
Frankliniella cephalica (Crawf.) (Thripidae):					
Beta vulgaris (beet)	Mexico	1			Tex.
Frankliniella fortissima Pr. (Thripidae):					
Ananas comosus (pineapple)	do	1			Ariz.
Lycopersicon esculentum (tomato)	do	1			Ariz.
Frankliniella fusca (Hinds) (Thripidae):					
Amaryllis sp	do			1	Tex.
Gladiolus sp	Canada	1			Minn.
Iris sp	do	1			Minn.
Frankliniella insularis (Franklin) (Thripidae):					
Dahlia sp	Dominican Republic		1		Fla.*
Rosa sp	Bahamas, Dominican Republic.		2		Fla.*
Frankliniella stylosa Hood (Thripidae):					
Oenothera sp	Canada	1			N. Y.
Franklinothrips vespiformis (Crawf.) (Aeolothripidae):					
Brassica chinensis (Chinese cabbage)	Mexico	1			Calif.
Capsicum frutescens (pepper)	do	1			Ariz.
Lycopersicon esculentum (tomato)	do	1			Ariz.

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		Consumption	Nonentry	Propagation	
Furcaspis biformis (Ckll.) (Coccidae):					
Cattleya granulosa (orchid)	Canal Zone			1	Calif.*
Cattleya percivaliana	Venezuela			1	P. R.
Cattleya sp	British Guiana, Panama, Trinidad, Unknown (soldier's mail).			4	N. J.
Dendrobium sp. (orchid)	St. Vincent			1	N. J.
Epidendrum atropurpureum (orchid)	Canal Zone			1	Calif.*
Laelia sp. (orchid)	Unknown (soldier's mail)			1	Tex.
Oncidium panamense (orchid)	Mexico			1	Calif.*
Oncidium stipitatum	Canal Zone			1	Calif.*
Oncidium sp	Trinidad			1	N. J.
Orchid	Colombia			1	Fla.*
Vanda sp. (orchid)	Hawaii, St. Vincent			2	Calif.*, N. J.
Galgupha punctifer McA. & M. (Cydnidae):					
Orchid	Mexico			1	Tex.
Geocoris lividipennis Stal (Lygaeidae):					
Spinacia oleracea (spinach)	do	1			Ariz.
Geocoris sonorensis Van D. (Lygaeidae):					
Portulaca oleracea (purslane)	do	1			Calif.
Geocoris uliginosus speculator Montandon (Lygaeidae):					
Petroselinum crispum (parsley)	do	1			Calif.
Glyphonyx propinquus Champ. (Elateridae):					
Capsicum frutescens (pepper)	do	1			Tex.
Gnathotrichus denticulatus Blackman (Scolytidae):					
Lycopersicon esculentum (tomato)	do	1			Ariz.
Gnorimoschema gudmannella (Wlsm.) (Gelechiidae):					
Capsicum frutescens (pepper)	do	71			Ariz., Tex.
Haplothrips gowdeyi (Fr.) (Phlaeothripidae):					
Bougainvillea sp	Hawaii		1		Calif.*
Heliodines bella (Chamb.) (Heliodinidae):					
Medicago sativa (alfalfa)	Mexico	1			Tex.
Portulaca oleracea (purslane)	do	41			Ariz., Calif., Tex.
Zea mays (corn)	do	1			Ariz.
Heliothis subflexa (Guen.) (Phalaenidae):					
Physalis sp. (husk tomato)	do	36			Tex.
Hellula phidilealis (Wlk.) (Pyraustidae):					
Brassica hirta (white mustard)	do	34			Calif.
Brassica sp. (mustard)	do	2			Calif.
Hellula undalis (F.) (Pyraustidae):					
Brassica chinensis (Chinese mustard)	do	2			Ariz.
Brassica hirta (white mustard)	do	22			Calif.
Brassica rapa (turnip)	do	6			Calif., Tex.
Brassica sp. (mustard)	do	1			Calif.
Lactuca sativa (lettuce)	do	1			Tex.
Raphanus sativus (radish)	do	1			Tex.
Heraeus criminus Dist. (Lygaeidae):					
Stanhopea sp. (orchid)	do			1	Tex.
Heraeus illitus Dist. (Lygaeidae):					
In cabin of airplane	Canal Zone or Guatemala.		1		Tex.
Hercinothrips bicinctus (Wms.) (Thripidae):					
Cypripedium sp. (orchid)	England			2	N. J.
Hermetia illucens (L.) (Stratiomyidae):					
Brassica hirta (white mustard)	Mexico	1			Calif.
Heterobostrychus aequalis (Waterh.) (Bostrichidae):					
Wood	India	1			Oreg.
Hoplandrothrips ranthopoides Bagn. (Phlaeothripidae).					
Cattleya sp. (orchid)	Colombia			1	N. J.
Hypnoidus riparius (F.) (Elateridae):					
Sod used as ballast	Iceland, Scotland	3			Mass., N. Y.
Hypogeocoris imperialis (Dist.) (Lygaeidae):					
Gossypium sp. (cotton)	Mexico		1		Tex.
Hypselonotus fulvus venosus F. (Coreidae):					
Sechium edule (chayote)	do	1			Tex.
Ips integer Eichh. (Scolytidae):					
Wood	do	1			Tex.

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		Consumption	Nonentry	Propagation	
Ischnodemus umbratus Dist. (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Kakimia aquilegiae (Essig) (Aphiidae):					
Aquilegia sp. (columbine)	Canada			1	N. J.
Lasconotus arrowi Hinton (Colydiidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Laspeyresia leguminis Heinrich (Olethreutidae):					
Phaseolus sp. (string bean)	do	4			Ariz.
Laspeyresia splendana (Hbn.) (Olethreutidae):					
Castanea sp. (chestnut)	Portugal	8			Pa.
Leconium corni Bouche (Coccidae):					
Sorbus sp.	England			1	N. J.
Lecanium fletcheri Ckll. (Coccidae):					
Tsuga sp. (hemlock)	Canada	1			Mass.
Leiopus nebulosus (L.) (Cerambycidae):					
Betula sp. (birch)	England	1			N. Y.
Leperisinus frazini (Panz.) (Scolytidae):					
Frazinus sp. (ash)	do	19			N. Y.
Lepidosaphes alba (Ckll.) (Coccidae):					
Manihot sp.	Peru			1	N. J.
Lepidosaphes peninsularis Ferris (Coccidae):					
Euphorbia antisyphilitica (wax euphorbia).	Mexico			1	N. J.
Lepidosaphes philococcus (Ckll.) (Coccidae):					
Cactus	do	1		1	Tex.
Echinocereus sp. (cactus)	do			1	Tex.
Lemaireocereus chende (cactus)	do			1	Tex.
Lepidosaphes tokionis (Kuw.) (Coccidae):					
Codiaeum sp.	Hawaii			1	Calif.*
Lepiodosaphes tuberculata (Malen.) (Coccidae):					
Cymbidium sp. (orchid)	England			7	N. J.
Leptipsius striatus (Lec.) (Monotomidae):					
Swietenia mahagoni (mahogany)	Mexico	2			Tex.
Zea mays (corn)	do	2			Tex.
Leptocera fontinalis (Fall.) (Cypselidae):					
Phaseolus sp. (string bean)	do	1			Tex.
Raphanus sativus (radish)	do	1			Tex.
Leptophobia aripa (Bdv.) (Pieridae):					
Brassica oleracea botrytis (cauliflower)	do	1			Tex.
Leptostylus gibbulosus Bates (Cerambycidae):					
Seed	Nicaragua	1			Tex.
Lerina incarnata Wlk. (Arctiidae):					
Ferocactus sp. (cactus)	Mexico			1	Tex.
Leucaspis cockerelli (de Charmoy) (Coccidae):					
Aspasia sp. (orchid)	Canal Zone			1	N. J.
Citrus sinensis (orange)	Colombia		1		Fla.*
Zygopetalum burtii (orchid)	Canal Zone			1	N. J.
Leucinodes elegantalis Guen. (Pyraustidae):					
Lycopersicon esculentum (tomato)	Mexico	16			Tex.
Leucopoecila albofasciata Reut. (Miridae):					
Lactuca sativa (lettuce)	do	1			Tex.
Lichtensia lutea (Ckll.) (Coccidae):					
Codiaeum sp. (croton)	do			2	Tex.
Ligyrocoris auriwilliana Dist. (Lygaeidae):					
Cactus	do			1	Tex.
Lactuca sativa (lettuce)	do	3			Tex.
Phaseolus sp. (string bean)	do	1			Ariz.
Physalis sp. (husk tomato)	do	1			Tex.
Ligyrocoris litigiosus (Stal) (Lygaeidae):					
Ananas comosus (pineapple)	do	1			Tex.
Ligyrocoris nitidicollis (Stal) (Lygaeidae):					
Ananas comosus	do	1			Tex.
Cut flowers	do	1			Tex.
Ligyrocoris nitidulus (Uhl.) (Lygaeidae):					
Brassica sp. (mustard)	do	1			Tex.
Lineodes integra (Zell.) (Pyraustidae):					
Lycopersicon esculentum (tomato)	do	2			Ariz., Tex.
Solanum melongena (eggplant)	do	1			Ariz.

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Liothrips vaneeckei Pr. (Thripidae):					
Lilium pyrenaicum (Pyrenees lily)	British Columbia			1	N. J.
Lilium umbellatum (western orange-cup lily).	Canada			1	N. J.
Lilium sp.	England			1	N. J.
Listronotus oregonensis Lec. (Curculionidae):					
Daucus carota sativa (carrot)	Mexico	1			Tex.
Lixus mucronatus (Ol.) (Curculionidae):					
Apium graveolens (celery)	Portugal		1		Md.
Lophocateres pusillus (Klug) (Ostomidae):					
Cicer arietinum (garbanzo)	Mexico	1			Tex.
Hibiscus sabdariffa (roselle)	Brazil			1	D. C.
Lorita abornana chatka Busck (Phalaenidae):					
Capsicum frutescens (pepper)	Mexico	3			Ariz.
Lygaeus circumlinitus Distant (Lygaeidae):					
Orchid	do			1	Tex.
Lygaeus lateralis Dallas (Lygaeidae):					
Citrus aurantifolia (sour lime)	do	1			Tex.
Lygaeus pulchellus F. (Lygaeidae):					
Lycopersicon esculentum (tomato)	do	1			Ariz.
Lygaeus vittiscutis Stal (Lygaeidae):					
Log	do	1			Tex.
Lygus elisus Van D. (Miridae):					
Brassica rapa (turnip)	do	1			Tex.
Brassica sp. (mustard)	do	1			Calif.
Portulaca oleracea (purslane)	do	1			Tex.
Lygus kalmii (L.) (Miridae):					
Brassica oleracea capitata (cabbage)	England	1			N. Y.
Lygus oblineatus (Say) (Miridae):					
Beta vulgaris (beet)	Mexico	1			Tex.
Brassica hirta (white mustard)	do	2			Calif.
Brassica oleracea botrytis (cauliflower)	do	2			Tex.
Brassica rapa (turnip)	do	1			Tex.
Brassica sp. (mustard)	do	3			Tex.
Lactuca sativa (lettuce)	do	3			Tex.
Spinacia oleracea (spinach)	do	1			Calif.
Lygus sallei Stal (Miridae):					
Chrysanthemum parthenium (feverfew)	do	1			Tex.
Lactuca sativa (lettuce)	do	3			Tex.
Tagetes sp. (marigold)	do	1			Tex.
Macrosiphum rubiellum (Theob.) (Aphididae):					
Rubus sp.	England			1	N. J.
Macrosteles divisus (Uhl.) (Cicadellidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Marava wallacei (Dohrn) (Labiidae):					
Triticum aestivum (wheat)	Australia	1			Wash.
Maruca testulalis (Geyer) (Pyraustidae):					
Phaseolus sp. (string bean)	Cuba, Mexico	3	1		Ala., Tex.
Melanotus rufipes (Hbst.) (Elateridae):					
Juglans sp. (walnut)	England				N. Y.
Quercus sp. (oak)	do				N. Y.
Soil around roots of walnut log	do				N. Y.
Melanthrips fuscus (Sulz.) (Aeolothripidae):					
Dianthus sp. (carnation)	Portugal	1			N. Y.
Merragata hebroides White (Hebridae):					
Rorippa nasturtium aquaticum (watercress).	Mexico	1			Tex.
Metamasius callizona (Chev.) (Curculionidae):					
Ananas comosus (pineapple)	do	1			Tex.
Metamasius sericeus (Oliv.) (Curculionidae):					
Banana debris	Ecuador	1			La.
Musa paradisiaca sapientum (banana)	Costa Rica, Panama	10			Calif.*
Metriona emarginata (Boh.) (Chrysomelidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Micrapate labialis Les. (Bostrichidae):					
Sambucus sp. (elder)	do	1			N. Y.
Microlus ericae Gyll. (Curculionidae):					
Calluna vulgaris (heather)	Scotland	1			Wash.

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Monanthia monotropidia Stal (Tingitidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Tex.
Moodna bisinuella Hamp. (Phycitidae):					
Zea mays (corn)	do	60	1		Tex.
Mordellistena cattleyana Champ. (Mordellidae):					
Cattleya dowiana (orchid)	do			1	Tex.
Myodocha longicollis Stal (Lygaeidae):					
Orchid	do			1	Tex.
Nabis alternatus Parsh. (Nabidae):					
Brassica sp. (mustard)	do	1			Tex.
Lactuca sativa (lettuce)	do	1			Tex.
Medicago sativa (alfalfa)	do	1			Tex.
Raphanus sativus (radish)	do	1			Tex.
Nabis capsiformis Germar (Nabidae):					
Lactuca sativa (lettuce)	do	2			Tex.
Nasutitermes cornigera Motsch. (Termitidae):					
Caesalpinia sp.	Nicaragua	1			Calif.*
Log	Mexico	1			Tex.
Orchid	Unknown (soldier's mail).			2	Tex.
Neoclytus cacicus Chevr. (Cerambycidae):					
Guajacum officinale (lignumvitae)	Jamaica, Mexico	3			Ariz., N. Y.
Neodryocoetes hubbardi Blackm. (Scolytidae):					
Cola sp.	Haiti	1			N. Y.
Nicentrus testaceus Champ. (Curculionidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Nicobium castaneum (Oliv.) (Anobiidae):					
Wood	New Caledonia	3			Mass.
Niveaspis tecta Ferris (Coccidae):					
Mandevilla foliosa	Mexico	1			N. J.
Norvellina texana (Ball) (Cicadellidae):					
Brassica oleracea capitata (cabbage)	do	1			Tex.
Nysius ericae (Schill.) (Lygaeidae):					
Raphanus sativus (radish)	do	1			Tex.
Nysius minutus Uhl. (Lygaeidae):					
Beta vulgaris (beet)	do	1			Tex.
Brassica rapa (turnip)	do	2			Tex.
Brassica sp. (mustard)	do	8			Calif., Tex.
Lactuca sativa (lettuce)	do	3			Tex.
Raphanus sativus (radish)	do	6			Tex.
Rorippa nasturtium aquaticum (watercress).	do	1			Calif.
Nysius strigosus Uhl. (Lygaeidae):					
Brassica chinensis (Chinese cabbage)	do	3			Calif.
Brassica oleracea botrytis (cauliflower)	do	1			Tex.
Brassica rapa (turnip)	do	9			Tex.
Brassica sp. (mustard)	do	5			Tex.
Chrysanthemum parthenium (feverfew).	do	6			Tex.
Cut flowers	do	2			Tex.
Lactuca sativa (lettuce)	do	5			Tex.
Portulaca oleracea (purslane)	do	4			Ariz., Tex.
Raphanus sativus (radish)	do	9			Tex.
Odonaspis saccharicaulis Zehnt. (Coccidae):					
Saccharum officinarum (sugarcane)	Mozambique		1		N. Y.
Odontolozozus longicornis (Coq.) (Tylidae):					
Physalis sp. (husk tomato)	Mexico	1			Ariz.
Olibrus submaculatus Sharp (Phalacridae):					
Ananas comosus (pineapple)	do	1			Tex.
Opsius stactogalus Fieb. (Cicadellidae):					
Mixed cut flowers	do	1			Tex.
Lactuca sativa (lettuce)	do	2			Tex.
Ozycarenus luctuosus (Montrouzier) (Lygaeidae):					
Abutilon otocarpum	Queensland	1			Mass.
Pachybrachis hepaticus Melsh. (Chrysomelidae):					
Brassica chinensis (Chinese mustard)	Mexico	1			Ariz.
Lactuca sativa (lettuce)	do	3			Ariz., Tex.
Portulaca oleracea (purslane)	do	1			Ariz.
Pachybrachius bilobatus (Say) (Lygaeidae:					
Lycopersicon esculentum (tomato)	do	2			Ariz.

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Pachybrachius servillei (Guer.) (Chrysomelidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Palaeopus costicollis Marsh. (Curculionidae):					
Dioscorea sp. (yam)	Cuba		1		N. Y.
Ipomoea batatas (sweetpotato)	Jamaica, Trinidad		7		N. Y.
Parlatoria blanchardi (Targ.) (Coccidae):					
Palm	Arabia	1			D. C.
Parlatoria cinerea Hadden (Coccidae):					
Citrus reticulata (tangerine)	Brazil		1		Fla.*
Citrus reticulata (mandarin)	do		1		Fla.*
Citrus sinensis (orange)	Brazil, Dominican Republic.		8		Fla.*
Unidentified plant	Mexico			1	Ariz.
Parlatoria crotonis Doug. (Coccidae):					
Codiaeum sp. (croton)	Hawaii			1	Calif.*
Parlatoria oleae (Colvee) (Coccidae):					
Olea sp.	Palestine			1	N. J.
Rosa sp. (rose)	Spain			1	N. J.
Parlatoria pseudaspidiotus (Lindgr.) (Coccidae):					
Vanda teres (orchid)	Canal Zone			1	Calif.*
Parlatoria ziziphus (Lucas) (Coccidae):					
Citrus reticulata (tangerine)	China		1		Fla.*
Citrus sinensis (orange)	British Guiana		1		Fla.*
Paromius gracilis (Ramb.) (Lygaeidae):					
Grass seed heads	Union of South Africa			1	D. C.
Parysatis nigritarsis Thoms. (Cerambycidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Pectinophora gossypiella (Saund.) (Gelechiidae):					
Gossypium sp. (cotton) (boll)	Mexico, Trinidad	2	1		Fla.,* Tex.
Gossypium sp. (cottonseed)	Egypt, Mexico, Puerto Rico, Virgin Islands.	6	1		Md., N. J., N. Y., Tex.
Gossypium sp. (seed cotton)	Cuba, Mexico	4			Pa., Tex.
Phaenicia sericata (Meigen) (Calliphoridae):					
Prunus sp. (cherry)	Canada	1			Vt.
Phelomerus aberrans (Sharp) (Bruchidae):					
Cassia moschata	Canal Zone			3	N. J.
Phenacaspis pinifoliae Fitch (Coccidae):					
Pinus sp. (pine)	Canada	1			Minn.
Phenacaspis sandwicensis Fullaway (Coccidae):					
Cocos nucifera (coconut)	Hawaii	1			Calif.*
Mangifera indica (mango)	do	1			Calif.*
Phenacoccus gossypii (Towns. & Ckll.) (Coccidae):					
Campsis radicans (trumpet vine)	Bermuda		1		Va.
Gardenia jasminoides (Cape-jasmine)	Mexico	1			Ariz.
Pelargonium sp. (geranium)	do			2	Tex.
Phenacoccus solani (Ckll.) (Coccidae):					
Chrysanthemum sp.	do	2			Tex.
Phyllecthrus subsulcatus Horn (Chrysomelidae):					
Portulaca oleracea (purslane)	do	1			Ariz.
Phyllotreta albionica (Lec.) (Chrysomelidae):					
Brassica sp. (mustard)	do	1			Tex.
Phyllotreta pusilla Horn (Chrysomelidae):					
Raphanus sativus (radish)	do	1			Tex.
Phyllotreta vittula Redt. (Chrysomelidae):					
Daucus carota sativa (carrot)	England		1		N. Y.
Physonota alutacea Boh. (Chrysomelidae):					
Cordia sp.	Mexico	1			Tex.
Phytomyza ilicis (Curt.) (Agromyzidae):					
Ilex sp. (holly)	Canada	1			Mass.
Pieris brassicae (L.) (Pieridae):					
Brassica oleracea capitata (cabbage)	England		1		N. Y.
Pinnaspis temporaria Ferris (Coccidae):					
Orchid	Hawaii			1	N. Y.
Pintalia dorsivittata (Van D.) (Fulgoridae):					
Herb	Mexico	1			Tex.
Pityophthorus cribratus Blackm. (Scolytidae):					
Pinus sp. (pine)	do	8	2		Tex.

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Pityophthorus mexicanus Blackm. (Scolytidae):					
Unknown twig	Mexico	1			Ariz.
Placosternus difficilis (Chevr.) (Cerambycidae):					
Ananas comosus (pineapple)	do	1			Tex.
Log	do	1			Tex.
Prosopis sp. (mesquite)	do	1			Tex.
Platynota rostrana (Wlk.) (Tortricidae):					
Lycopersicon esculentum (tomato)	do	3			Tex.
Platynota stultana (Wlsm.) (Tortricidae):					
Capsicum frutescens (pepper)	do	229			Ariz., Tex.
Lycopersicon esculentum (tomato)	do	46			Ariz., Tex.
Phaseolus sp. (string bean)	do	1			Ariz.
Platypus rugulosus Chapuis (Platypodidae):					
Log	do	4			Tex.
Swietenia mahagoni (mahogany)	do	1			Tex.
Pnyxia scabiei (Hopkins) (Fungivoridae):					
Lilium longiflorum (Easter lily)	do			4	Tex.
Protopulvinaria pyriformis (Ckll.) (Coccidae):					
Cinnamomum sp. (cinnamon)	Trinidad	1			N. Y.
Gardenia jasminoides (Cape-jasmine)	Venezuela	5			Fla.*
Pseudaonidia trilobitiformis (Green) (Coccidae):					
Mangifera indica (mango)	Belgian Congo, Brazil		4		Fla.*
Pseudischnaspis alienus (Newst.) (Coccidae):					
Cattleya bowringiana (orchid)	Guatemala			1	Tex.
Oncidium sp. (orchid)	do			1	N. J.
Orchid	Costa Rica, Mexico		1	1	Fla.,* Tex.
Rosa sp. (rose)	Costa Rica, Honduras		2		Fla.*
Pseudischnaspis bowreyi (Ckll.) (Coccidae):					
Agave fourcroydes (henequen agave)	Cuba	1			D. C.
Pseudococcus boninsis (Kuw.) (Coccidae):					
Saccharum officinarum (sugarcane)	Mexico	2			Tex.
Pseudodiaspis multipora Ferris (Coccidae):					
Phoradendron flavescens (mistletoe)	do	1			Ariz.
Pseudopariatoria serrulata (Towns. & Ckll.) (Coccidae):					
Orchid	do			1	Tex.
Psila rosae (F.) (Psilidae):					
Brassica rapa (turnip)	England		1		N. Y.
Daucus carota sativa (carrot)	Algeria, England, Morocco.		5		N. Y., Pa., Tex.
Pastinaca sativa (parsnip)	England, New Zealand		3		N. Y., Tex.
Pteleobius vestitus (F.) (Scolytidae):					
Ulmus sp. (elm)	England	1			N. Y.
Pteleobius vittatus F. (Scolytidae):					
Ulmus sp. (elm)	do	2			N. Y.
Pulvinaria psidii Mask. (Coccidae):					
Gardenia jasminoides (Cape-jasmine)	Costa Rica, Mexico, Puerto Rico.	2	2		Fla.,* Tex.
Puto mexicanus (Ckll.) (Coccidae):					
Orchid	Mexico	1			Tex.
Salvia officinalis purpurascens (purple sage).	do			1	Tex.
Puto yuccae (Coq.) (Coccidae):					
Cephalocereus chrysacanthus (cactus)	do			1	Tex.
Pyrrhidium sanguineum (L.) (Cerambycidae):					
Quercus sp. (oak)	England	1			N. Y.
Renocis mexicanus Blackm. (Scolytidae):					
Herb	Mexico	1			Tex.
Rhopalosiphum rufomaculatum (Wils.) (Aphiidae):					
Chrysanthemum sp.	do			1	Ariz.
Rhyncolus lignarius Marsh. (Curculionidae):					
Juglans sp. (walnut)	England	1			N. Y.
Ribua innoxia Hein. (Phycitidae):					
Ananas comosus (pineapple)	Cuba	1			La.
Ripersia palmarum (Ehrh.) (Coccidae):					
Cocos nucifera (coconut)	Hawaii		2		Calif.*

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in— Consumption	Non-entry	Propagation	Collected in—
Salax lacordairei Guer. (Tenebrionidae):					
Packing with grapes	Argentina	1			N. Y.
Scolopocerus uhleri Distant (Coreidae):					
Chrysanthemum sp.	Mexico	1			Tex.
Daisy	do	1			Tex.
Scolytus dimidatus Chapuis (Scolytidae):					
Log	do	2			Tex.
Sitranus unidentatus (F.) (Cucujidae):					
Khaya sp.	Gold Coast	1			N. Y.
Quercus sp. (oak)	England	1			N. Y.
Sinodendron cylindricum (L.) (Lucanidae):					
Quercus sp. (oak)	do	1			N. Y.
Sinozylon anale Les. (Bostrichidae):					
Wood	India	1			N. Y.
Sisamnes contractus Dist. (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	7			Tex.
Sitona lineatus (L.) (Curculionidae):					
Lilium sp. (lily)	Bermuda	1			N. Y.
Sizenotus areolatus Knight (Miridae):					
Lactuca sativa (lettuce)	Mexico	9			Tex.
Stephanoderes brasiliensis Hopk. (Scolytidae):					
Delonix regia (flamboyant tree)	Trinidad	1			N. Y.
Stephanoderes buscki Hopk. (Scolytidae):					
Caesalpinia coriaria (divi-divi)	do	1			N. Y.
Stephanoderes hampei Ferr. (Scolytidae):					
Coffea sp. (coffee)	Tanganyika	1			N. Y.
Sternochetus mangiferae (F.) (Curculionidae):					
Mangifera indica (mango)	Hawaii	2			Calif.*
Taeniothrips atratus (Hal.) (Thripidae):					
Dianthus sp. (carnation)	Unknown	1			N. Y.
Taeniothrips dianthi Pr. (Thripidae):					
Dianthus sp. (carnation)	Portugal	1			N. Y.
Taeniothrips ericae (Hal.) (Thripidae):					
Calluna vulgaris (heather)	Ireland, Scotland	5			Mass., N. Y.
Taeniothrips gracilis Mlt. (Thripidae):					
Lilium longiflorum (Easter lily)	Bermuda	1			N. Y.
Taeniothrips inconsequens Uzel (Thripidae):					
Prunus sp. (cherry)	Canada	1			Wash.
Taeniothrips simplex (Mor.) (Thripidae):					
Gladiolus sp.	do			1	N. Y.
Targionia bromeliae (Leon.) (Coccidae):					
Ananas comosus (pineapple)	Cuba	1			Fla.*
Targionia hartii (Ckll.) (Coccidae):					
Dioscorea sp. (yam)	do		4		Fla.,* N. Y.
Targionia sacchari (Ckll.) (Coccidae):					
Zingiber officinale (ginger)	India		1		N. Y.
Tenthecoris bicolor Scott (Miridae):					
Cattleya percivaliana (orchid)	Venezuela			1	P. R.
Cattleya sp. (orchid)	Brazil, Venezuela			8	Calif.,* N. J.
Lycaste skinneri (orchid)	Mexico			1	Tex.
Tetraleurodes acaciae (Q.) (Aleyrodidae):					
Erythrina americana	do	1			N. J.
Tetraleurodes fici Q. & B. (Aleyrodidae):					
Undetermined plant	Nicaragua	1			Calif.*
Tetraleurodes mori (Q.) (Aleyrodidae):					
Herb	Mexico	1			Tex.
Juglans sp. (walnut)	do	1			Tex.
Lippia citriodora (lemon verbena)	do			1	Ariz.
Psidium guajava (guava)	do	1			Ariz.
Tetraleurodes ursorum (Ckll.) (Aleyrodidae):					
Epigaea repens (trailing-arbutus)	Canada	10			Mass.
Tetramorium simillimum (F. Smith) (Formicidae):					
Dioscorea sp. (yam)	St. Lucia		1		Ala.
Tetrapriocera longicornis (Oliv.) (Bostrichidae):					
Derris scandens (derris)	Ecuador	1			D. C.
Log	Mexico	2			Tex.
Thrips angusticeps Uzel (Thripidae):					
Brassica oleracea capitata (cabbage)	Morocco		1		Md.
Thrips fuscipennis Hal. (Thripidae):					
Calluna vulgaris (heather)	England	1			N. Y.

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Trialeurodes vitrinellus Ckll. (Aleyrodidae):					
Citrus sp.	Mexico	1			Tex.
Trogoxylon prostomoides Gorh. (Lyctidae):					
Bamboo	do	1			Ariz.
Wood	do	1			Ariz.
Vinsonia stellifera (Westw.) (Coccidae):					
Citrus sp.	Puerto Rico	1			Fla.*
Epidendrum ciliare (orchid)	Canal Zone			1	Calif.*
Epidendrum sp. (orchid)	Brazil			1	N. J.
Gardenia jasminoides (Cape-jasmine)	Puerto Rico		1		Fla.*
Orchid	Canal Zone			1	Calif.*
Stanhopea wardii (orchid)	do			1	Calif.*
Xenomyrmex panamanus Wheeler (Formicidae):					
Orchid	Unknown (soldier's mail).			3	Tex.
Xyleborus confusus Eichh. (Scolytidae):					
Khaya sp.	Gold Coast	1			N. Y.
Log	Mexico	1			Tex.
Swietenia mahagoni (mahogany)	do	1			Tex.
Xyleborus fuscatus Eichh. (Scolytidae):					
Log	do	3			Tex.
Xyleborus propinquus Eichh. (Scolytidae):					
Log	do	3			Tex.
Pachyrhizus sp. (yambean)	do	1			Ariz.
Swietenia mahagoni (mahogany)	Nicaragua	1			Calif.*
Xyleborus sazeseni (Ratz.) (Scolytidae):					
Juglans sp. (walnut)	England	1			N. Y.
Xyleborus torquatus Eichh. (Scolytidae):					
Log	Mexico	1			Tex.
Swietenia mahagoni (mahogany)	do	1			Tex.
Xylion adustus (F.) (Bostrichidae):					
Khaya sp. (African mahogany)	Gold Coast	3			N. Y.
Xylion securifer Les. (Bostrichidae):					
Khaya sp.	do	3			Md.
Xylometra torquata (F.) (Bostrichidae)					
Bean	Mexico	1			Tex.
Xylopertha crinitarsis (Imh.) (Bostrichidae):					
Khaya sp.	Gold Coast	2			Md.
Zabrotes subfasciatus (Boh.) (Bruchidae):					
Bean	Brazil, Mexico, Union of South Africa, Venezuela.	18	2		Mass., N. Y Tex.
Chrysanthemum sp.	Mexico	1			Tex.
Daisy	do	1			Tex.
Phaseolus sp. (string bean)	do	1			Ariz.
Physalis sp. (husk tomato)	do	1			Tex.
Saccharum officinarum (sugarcane)	do	1			Tex.
Wood	Canada	1			Calif.*
Zea mays (corn)	Mexico	1			Tex.

Hosts and insects

ABUTILON:
Oxycarenus luctuosus (Hemiptera)
ACACIA:
Acanthoscelides spinipes (Coleoptera)
ACHRAS:
Anastrepha serpentina (Diptera)
AGARICUS:
Cartodere ruficollis (Coleoptera)
AGAVE:
Amphicerus cornutus (Coleoptera)
Pseudischnaspis bowreyi (Homoptera)
AMARYLLIS:
Frankliniella fusca (Thysanoptera)
ANANAS:
Actenodes mendex (Coleoptera)
Alpheias conspirata (Lepidoptera)
Blissus pulchellus (Hemiptera)
Catolethrus longulus (Coleoptera)
Cryphula apicatus (Hemiptera)
Epicauta callosa (Coleoptera)

ANANAS—Continued.
Epicauta nigritarsis (Coleoptera)
Euphoria nitens (Coleoptera)
Frankliniella fortissima (Thysanoptera)
Ischnodemus umbratus (Hemiptera)
Ligyrocoris litigiosus (Hemiptera)
Ligyrocoris nitidicollis (Hemiptera)
Metamasius callizona (Coleoptera)
Olibrus submaculatus (Coleoptera)
Parysatis nigritarsis (Coleoptera)
Placosternus difficilis (Coleoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
Targionia bromeliae (Homoptera)
APIUM:
Draeculacephala minerva (Hemiptera)
Lixus mucronatus (Coleoptera)
AQUILEGIA:
Kakimia aquilegiae (Homoptera)
ASPASIA—See Orchidaceae

Hosts and insects—Continued

BAMBOO:
Amphicerus cornutus (Coleoptera)
Asterolecanium bambusae (Homoptera)
Cyllene congener (Coleoptera)
Cyphosterna bicolor (Coleoptera)
Dinoderus brevis (Coleoptera)
Trogoxylon prostomoides (Coleoptera)
BANANA DEBRIS:
Metamasius sericeus (Coleoptera)
BEAN:
Bruchus tristiculus (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Xylomeira torquata (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
BETA VULGARIS:
Drasterius livens (Coleoptera)
Frankliniella cephalica (Thysanoptera)
Lygus oblineatus (Hemiptera)
Nysius minutus (Hemiptera)
BETA VULGARIS CICLA:
Celerio lineata (Lepidoptera)
BETULA:
Leiopus nebulosus (Coleoptera)
BOEHMERIA:
Catorama tabaci (Coleoptera)
BOUGAINVILLEA:
Haplothrips gowdeyi (Thysanoptera)
BRASSIA—See Orchidaceae
BRASSICA CHINENSIS:
Franklinothrips vespiformis (Thysanoptera)
Hellula undalis (Lepidoptera)
Nysius strigosus (Hemiptera)
Pachybrachis hepaticus (Coleoptera)
BRASSICA HIRTA:
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Hermetia illucens (Diptera)
Lygus oblineatus (Hemiptera)
BRASSICA NAPOBRASSICA:
Ceutorhynchus pleurostigma (Coleoptera)
BRASSICA OLERACEA BOTRYTIS:
Autographa brassicae (Lepidoptera)
Ceutorhynchus quadridens (Coleoptera)
Evergestis rimosalis (Lepidoptera)
Leptophobia aripa (Lepidoptera)
Lygus oblineatus (Hemiptera)
Nysius strigosus (Hemiptera)
BRASSICA OLERACEA CAPITATA:
Ceutorhynchus quadridens (Coleoptera)
Drasterius scutellatus (Coleoptera)
Evergestis rimosalis (Lepidoptera)
Lygus kalmii (Hemiptera)
Norvellina tezana (Homoptera)
Pieris brassicae (Lepidoptera)
Thrips angusticeps (Thysanoptera)
BRASSICA RAPA:
Ceutorhynchus pleurostigma (Coleoptera)
Ceutorhynchus quadridens (Coleoptera)
Evergestis rimosalis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus elisus (Hemiptera)
Lygus oblineatus (Hemiptera)
Nysius minutus (Hemiptera)
Nysius strigosus (Hemiptera)
Psila rosae (Diptera)
BRASSICA SP. (mustard):
Brochymena sulcata (Hemiptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Ligyrocoris nitidulus (Hemiptera)
Lygus elisus (Hemiptera)
Lygus oblineatus (Hemiptera)
Nabis alternatus (Hemiptera)
Nysius minutus (Hemiptera)
Nysius strigosus (Hemiptera)
Phyllotreta albionica (Coleoptera)
BROWNEA:
Dercynus micronyx (Coleoptera)
CACTACEAE:
Anuraphis helichrysi (Homoptera)
Aspidiotus covilleae (Homoptera)
Lepidosaphes philococcus (Homoptera)
Lerina incarnata (Lepidoptera)
Ligyrocoris aurivilliana (Hemiptera)
Puto yuccae (Homoptera)

CAESALPINIA:
Acanthoscelides ceratioborus (Coleoptera)
Acanthoscelides dominicanus (Coleoptera)
Nasutitermes cornigera (Isoptera)
Stephanoderes buscki (Coleoptera)
CAJANUS:
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
CALANTHE—See Orchidaceae
CALLUNA:
Micrelus ericae (Coleoptera)
Taeniothrips ericae (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
CAMPSIS:
Phenacoccus gossypii (Homoptera)
CAPSICUM:
Arvelius albopunctatus (Hemiptera)
Camptoprosopella media (Diptera)
Disonycha militaris (Coleoptera)
Exptochiomera caeca (Hemiptera)
Faustinus cubae (Coleoptera)
Franklinothrips vespiformis (Thysanoptera)
Glyphonyx propinquus (Coleoptera)
Gnorimoschema gudmannella (Lepidoptera)
Lorita abornana chatka (Lepidoptera)
Platynota stultana (Lepidoptera)
CARICA:
Aspidiotus destructor (Homoptera)
CASSIA:
Acanthoscelides alticola (Coleoptera)
Aganactesis indecora (Lepidoptera)
Phelomerus aberrans (Coleoptera)
CASTANEA:
Laspeyresia splendana (Lepidoptera)
CATTLEYA—See Orchidaceae
CEPHALOCEREUS—See Cactaceae
CHRYSANTHEMUM:
Adelphocoris rapidus (Hemiptera)
Boris aerea (Coleoptera)
Euphoria kerni (Coleoptera)
Lygus sallei (Hemiptera)
Nysius strigosus (Hemiptera)
Phenacoccus solani (Homoptera)
Rhopalosiphum rufomaculatum (Homoptera)
Scolopocerus uhleri (Hemiptera)
Zabrotes subfasciatus (Coleoptera)
CICER:
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Lophocateres pusillus (Coleoptera)
CINNAMOMUM:
Protopulvinaria pyriformis (Homoptera)
CITRUS AURANTIFOLIA:
Anastrepha ludens (Diptera)
Lygaeus lateralis (Hemiptera)
CITRUS AURANTIUM:
Anastrepha ludens (Diptera)
CITRUS GRANDIS:
Aonidiella comperei (Homoptera)
CITRUS PARADISI:
Anastrepha ludens (Diptera)
Ceratitis capitata (?) (Diptera)
CITRUS RETICULATA:
Dialeurodes citri (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria ziziphus (Homoptera)
CITRUS SINENSIS:
Aleurocanthus woglumi (Homoptera)
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (?) (Diptera)
Drasterius scutellatus (Coleoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria ziziphus (Homoptera)
CITRUS SP.:
Aleurocanthus woglumi (Homoptera)
Aleurothrixus howardi (Homoptera)
Trialeurodes citrinellus (Homoptera)
Vinsonia stellifera (Homoptera)
COCOS:
Aspidiotus excisus (Homoptera)
Asterolecanium palmae (Homoptera)
Ereunetis flaristriata (Lepidoptera)
Phenacaspis sandwicensis (Homoptera)
Ripersia palmarum (Homoptera)

Hosts and insects—Continued

CODIAEUM:
Lepidosaphes tokionis (Homoptera)
Lichtensia lutea (Homoptera)
Parlatoria crotonis (Homoptera)
COFFEA:
Anastrepha fraterculus (?) (Diptera)
Stephanoderes hampei (Coleoptera)
COLA:
Neodryocoetes hubbardi (Coleoptera)
COLEUS:
Asterolecanium pustulans (Homoptera)
CONVALLARIA:
Dorytomus luridus (Coleoptera)
CORDIA:
Physonota alutacea (Coleoptera)
CRATAEGUS:
Crocidosema plebeiana (Lepidoptera)
CUCURBITA:
Euxesta notata (Diptera)
CYCLAMEN:
Clepsis buscana (Lepidoptera)
CYDONIA:
Anastrepha ludens (Diptera)
CYMBIDIUM—See Orchidaceae
CYMBOPOGON:
Chilo loftini (Lepidoptera)
CYNOMETRA:
Dercynus micronyx (Coleoptera)
CYPRIPEDIUM—See Orchidaceae
CYTISUS:
Bruchidius villosus (Coleoptera)
DAHLIA:
Frankliniella insularis (Thysanoptera)
DAISY:
Euphoria kerni (Coleoptera)
Scolopocerus uhleri (Hemiptera)
Zabrotes subfasciatus (Coleoptera)
DASYLIRION:
Chrysomphalus smilacis (Homoptera)
DAUCUS:
Agromyza virens (Diptera)
Conotrachelus seniculus (Coleoptera)
Listronotus oregonensis (Coleoptera)
Phyllotreta vittula (Coleoptera)
Psila rosae (Diptera)
DELONIX:
Stephanoderes brasiliensis (Coleoptera)
DENDROBIUM—See Orchidaceae
DERRIS:
Tetrapriocera longicornis (Coleoptera)
DIANTHUS:
Melanthrips fuscus (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips dianthi (Thysanoptera)
DIOSCOREA:
Cylas formicarius subsp.(?) (Coleoptera)
Palaeopus costicollis (Coleoptera)
Targionia hartii (Homoptera)
Tetramorium simillimum (Hymenoptera)
ECHINOCEREUS—See Cactaceae
EPIDENDRUM—See Orchidaceae
EPIGAEA:
Aleuroplatus myricae (Homoptera)
Tetraleurodes ursorum (Homoptera)
ERYTHRINA:
Tetraleurodes acaciae (Homoptera)
EUPHORBIA:
Lepidosaphes peninsularis (Homoptera)
FEROCACTUS—See Cactaceae
FRAXINUS:
Leperisinus fraxini (Coleoptera)
GARDENIA:
Aspidiotus palmae (Homoptera)
Chrysomphalus albopictus (Homoptera)
Coccus viridis (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Phenacoccus gossypii (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Pulvinaria psidii (Homoptera)
Vinsonia stellifera (Homoptera)
GLADIOLUS:
Frankliniella fusca (Thysanoptera)
Taeniothrips simplex (Thysanoptera)
GOSSYPIUM:
Hypogeocoris imperialis (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
GUAJACUM:
Neoclytus cacicus (Coleoptera)
GUILFOYLIA:
Adistemia watsonia (Coleoptera)
HIBISCUS:
Asterolecanium pustulans (Homoptera)
Lophocateres pusillus (Coleoptera)
HYMENAEA:
Aspidiotus herculeanus (Homoptera)
ILEX:
Phytomyza ilicis (Diptera)
IPOMOEA:
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius, perhaps subsp. *formicarius* (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Palaeopus costicollis (Coleoptera)
IRIS:
Frankliniella fusca (Thysanoptera)
JASMINUM:
Aonidiella inornata (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
JUGLANS:
Dorcus parallelopipedus (Coleoptera)
Melanotus rufipes (Coleoptera)
Rhyncolus lignarius (Coleoptera)
Tetraleurodes mori (Homoptera)
Xyleborus sazeseni (Coleoptera)
KHAYA:
Silvanus unidentatus (Coleoptera)
Xyleborus confusus (Coleoptera)
Xylion adustus (Coleoptera)
Xylion securifer (Coleoptera)
Xylopertha crinitarsis (Coleoptera)
LACTUCA:
Anacentrinus deplanatus (Coleoptera)
Ataxia hubbardi (Coleoptera)
Carneocephala nuda (Hemiptera)
Carneocephala sagittifera (Hemiptera)
Ceratocapsus apicalis (Hemiptera)
Ceratocapsus punctulatus (Hemiptera)
Chaetopsis fulvifrons (Diptera)
Conoderus lividus (Coleoptera)
Conoderus vespertinus (Coleoptera)
Conotrachelus leucophaeatus (Coleoptera)
Conotrachelus seniculus (Coleoptera)
Draeculacephala lenticula (Hemiptera)
Draeculacephala minerva (Hemiptera)
Empoasca solana (Hemiptera)
Epicauta nigritarsis (Coleoptera)
Epilachna varivestis (Coleoptera)
Epitrix hirtipennis (Coleoptera)
Erynephala puncticollis (Coleoptera)
Eumecosomyia nubila (Diptera)
Feltia subterranea (Lepidoptera)
Hellula undalis (Lepidoptera)
Leucopoecila albofasciata (Hemiptera)
Ligyrocoris auriviliana (Hemiptera)
Lygus oblineatus (Hemiptera)
Lygus sallei (Hemiptera)
Macrosteles divisus (Hemiptera)
Metriona emarginata (Coleoptera)
Nabis alternatus (Hemiptera)
Nabis capsiformis (Hemiptera)
Nicentrus testaceus (Coleoptera)
Nysius minutus (Hemiptera)
Nysius strigosus (Hemiptera)
Opsius stactogalus (Homoptera)
Pachybrachis hepaticus (Coleoptera)
Sizeonotus areolatus (Hemiptera)
LAELIA—See Orchidaceae
LARIX:
Coleophora laricella (Lepidoptera)
LATHYRUS:
Bruchus tristiculus (Coleoptera)
LAURUS:
Aonidia lauri (Homoptera)
LEDUM:
Coleophora laricella (Lepidoptera)
LEMAIREOCEREUS—See Cactaceae
LENS:
Bruchidius incarnatus (Coleoptera)
Callosobruchus maculatus (Coleoptera)
LILIUM:
Clerada apicicornis (Hemiptera)
Forcipomyia raleighi (Diptera)
Liothrips vaneeckei (Thysanoptera)
Pnyxia scabiei (Diptera)
Sitona lineatus (Coleoptera)
Taeniothrips gracilis (Thysanoptera)

Hosts and insects—Continued

LIPPIA:
Tetraleurodes mori (Homoptera)
LYCASTE—See Orchidaceae
LYCOPERSICON:
Aphodius granarius (Coleoptera)
Aufeius impressicollis (Hemiptera)
Callidium texanum (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Chaetopsis fulvifrons (Diptera)
Chapuisia mexicana (Coleoptera)
Ciocirius dorsivittatus (Homoptera)
Conotrachelus seniculus (Coleoptera)
Cryphula parallogramma (Hemiptera)
Cyrtopeltis varians (Hemiptera)
Epitrix fasciata (Coleoptera)
Epitrix hirtipennis (Coleoptera)
Exitianus obscurinervis (Homoptera)
Frankliniella fortissima (Thysanoptera)
Franklinothrips vespiformis (Thysanoptera)
Gnathotrichus denticulatus (Coleoptera)
Lasconotus arrowi (Coleoptera)
Leucinodes elegantalis (Lepidoptera)
Lineodes integra (Lepidoptera)
Lygaeus pulchellus (Hemiptera)
Monanthia monotropidia (Hemiptera)
Pachybrachius bilobatus (Hemiptera)
Pachybrachius servillei (Hemiptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
MALUS:
Aspidiotus forbesi (Homoptera)
MAMMEA:
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
MANDEVILLA:
Niveaspis tecta (Homoptera)
MANGIFERA:
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Aulacaspis mangiferae (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Phenacaspis sandwicensis (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Sternochetus mangiferae (Coleoptera)
MANIHOT:
Lepidosaphes alba (Homoptera)
MEDICAGO:
Colias eurytheme (Lepidoptera)
Conotrachelus seniculus (Coleoptera)
Heliodines bella (Lepidoptera)
Nabis alternatus (Hemiptera)
MILTONIA—See Orchidaceae
MUSA PARADISIACA SAPIENTUM:
Adraneothrips tibialis (Thysanoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmae (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus scutiformis (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Metamasius sericeus (Coleoptera)
MYRTILLOCACTUS—See Cactaceae
ODONTOGLOSSUM—See Orchidaceae
OENOTHERA:
Frankliniella stylosa (Thysanoptera)
OLEA:
Parlatoria oleae (Homoptera)
ONCIDIUM—See Orchidaceae
ORCHIDACEAE:
Aeolus pulchellus (Coleoptera)
Anaphothrips orchidaceus (Thysanoptera)
Anaphothrips orchidii (Thysanoptera)
Aspidiotus degeneratus (Homoptera)
Asterolecanium epidendri (Homoptera)
Calligrapha penatherina (Coleoptera)
Chrysomphalus nigropunctatus (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cryphula apicatus (Hemiptera)
Conchaspis angraeci (Homoptera)
Deloyala guttata (Coleoptera)
Edessa cornuta (Hemiptera)
Eurycipitia vestitus (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Heraeus eximinus (Hemiptera)
Hercinothrips bicinctus (Thysanoptera)
Hoplandrothrips xanthopoides (Thysanoptera)

ORCHIDACEAE—Continued.
Lepidosaphes tuberculata (Homoptera)
Leucaspis cockerelli (Homoptera)
Lygaeus circumlinutus (Hemiptera)
Mordellistena cattleyana (Coleoptera)
Myodocha longicollis (Hemiptera)
Nasutitermes cornigera (Isoptera)
Parlatoria pseudaspidiotus (Homoptera)
Pinnaspis temporaria (Homoptera)
Pseudischnaspis alienus (Homoptera)
Pseudoparlatoria serrulata (Homoptera)
Puto mexicanus (Homoptera)
Tenthecoris bicolor (Hemiptera)
Vinsonia stellifera (Homoptera)
Xenomyrmex panamanus (Hymenoptera)
ORYZA:
Acinaces lebasi (Coleoptera)
Chilo simplex (?) (Lepidoptera)
PACHYRHIZUS:
Xyleborus propinquus (Coleoptera)
PASTINACA:
Psila rosae (Diptera)
PELARGONIUM:
Phenacoccus gossypii (Homoptera)
PERSEA:
Anastrepha ludens (Diptera)
Chrysomphalus albopictus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus seniculus (Coleoptera)
Drasterius scutellatus (Coleoptera)
Euxesta sororcula (Diptera)
PETROSELINUM:
Conotrachelus seniculus (Coleoptera)
Geocoris uliginosus speculator (Hemiptera)
PHASEOLUS AUREUS:
Callosobruchus maculatus (Coleoptera)
Corcyra cephalonica (Lepidoptera)
PHASEOLUS SP. (string bean):
Agromyza virens (Diptera)
Callosobruchus maculatus (Coleoptera)
Cerotoma atrofasciata (Coleoptera)
Elasmopalpus lignosellus (Lepidoptera)
Empoasca solana (Hemiptera)
Epilachna varivestis (Coleoptera)
Epinotia opposita (Lepidoptera)
Everes comyntas (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Leptocera fontinalis (Diptera)
Ligyrocoris auriviliana (Hemiptera)
Maruca testulalis (Lepidoptera)
Platynota stultana (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)
PHORADENDRON:
Pseudodiaspis multipora (Homoptera)
PHYSALIS:
Dactylosternum abdominale (Coleoptera)
Eumecosomyia nubila (Diptera)
Heliothis subflexa (Lepidoptera)
Ligyrocoris auriviliana (Hemiptera)
Odontoloxozus longicornis (Diptera)
Zabrotes subfasciatus (Coleoptera)
PIMENTA:
Asterolecanium pustulans (Homoptera)
PINUS:
Deltocephalus comesus (Homoptera)
Phenacaspis pinifoliae (Homoptera)
Pityophthorus cribratus (Coleoptera)
PIPER:
Ceroplastes cirripediformis (Homoptera)
PISUM:
Bruchus pisi (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Chalarus spurius (Diptera)
Everes comyntas (Lepidoptera)
PITHECELLOBIUM:
Acanthoscelides flexicaulis (Coleoptera)
Caryobruchus gleditsiae (Coleoptera)
PLUMERIA:
Aspidiotus covilleae (Homoptera)
PORTULACA:
Geocoris sonoraensis (Hemiptera)
Heliodines bella (Lepidoptera)
Lygus elisus (Hemiptera)
Nysius strigosus (Hemiptera)
Pachybrachis hepaticus (Coleoptera)
Phyllecthrus subsulcatus (Coleoptera)

Hosts and insects—Continued

PROSOPIS:
Acanthoscelides ceratioborus (Coleoptera)
Cyllene antennatus (Coleoptera)
Dendrobiella aspera (Coleoptera)
Placosternus difficilis (Coleoptera)
PRUNUS:
Phaenicia sericata (Diptera)
Taeniothrips inconsequens (Thysanoptera)
PSIDIUM:
Tetraleurodes mori (Homoptera)
PUNICA:
Anostrepha ludens (Diptera)
QUERCUS:
Conotrachelus integer (Coleoptera)
Curculio q-griseae (Coleoptera)
Dorcus parallelopipedus (Coleoptera)
Dryocoetes villosus (Coleoptera)
Melanotus rufipes (Coleoptera)
Pyrrhidium sanguineum (Coleoptera)
Silvanus unidentatus (Coleoptera)
Sinodendron cylindricum (Coleoptera)
RAPHANUS:
Ceratocapsus punctulatus (Hemiptera)
Helivla undalis (Lepidoptera)
Leptocera fontinalis (Diptera)
Nabis alternatus (Hemiptera)
Nysius ericae (Hemiptera)
Nysius minutus (Hemiptera)
Nysius strigosus (Hemiptera)
Phyllotreta pusilla (Coleoptera)
RHODODENDRON:
Barypeithes pellucidus (Coleoptera)
Dialeurodes chittendeni (Homoptera)
RORIPPA:
Evergestis rimosalis (Lepidoptera)
Merragata hebroides (Hemiptera)
Nysius minutus (Hemiptera)
ROSA:
Acanthoscelides sallaei (Coleoptera)
Euphoria kerni (Coleoptera)
Frankliniella insularis (Thysanoptera)
Parlatoria oleae (Homoptera)
Pseudischnaspis alienus (Homoptera)
RUBUS:
Macrosiphum rubiellum (Homoptera)
SACCHARUM:
Odonaspis saccharicaulis (Homoptera)
Pseudococcus boninsis (Homoptera)
Zabrotes subfasciatus (Coleoptera)
SALVIA:
Puto mexicanus (Homoptera)
SAMANEA:
Caryedon fuscus (Coleoptera)
SAMBUCUS:
Micrapate labialis (Coleoptera)
SAPINDUS:
Amphicerus cornutus (Coleoptera)
SAPOTE:
Anastrepha ludens (Diptera)
Aspidiotus spinosus (Homoptera)
SCHOMBURGKIA—See Orchidaceae
SCIRPUS:
Chaetopsis fulvifrons (Diptera)
Eumecosomyia nubila (Diptera)
SECHIUM:
Aspidiotus destructor (Homoptera)
Hypselonotus fulvus venosus (Hemiptera)
SERJANIA:
Dinoderus bifoveolatus (Coleoptera)
SESBANIA:
Acanthoscelides griseolus (Coleoptera)
SOIL:
Athous subfuscus (Coleoptera)
Brachyrhinus arcticus (Coleoptera)
Hypnoidus riparius (Coleoptera)
Melanotus rufipes (Coleoptera)
SOLANUM MELONGENA:
Amphicerus cornutus (Coleoptera)
Lineodes integra (Lepidoptera)
SOLANUM TUBEROSUM:
Colobicus parilis (Coleoptera)
Dactylosternum abdominale (Coleoptera)
Epicaerus cognatus (Coleoptera)
Epicauta tenella (Coleoptera)
SORBUS:
Lecanium corni (Homoptera)
SORGHUM VULGARE:
Celama sorghiella (Lepidoptera)
Conotrachelus seniculus (Coleoptera)
SPINACIA:
Geocoris lividipennis (Hemiptera)
Lygus oblineatus (Hemiptera)
STANHOPEA—See Orchidaceae
SWIETENIA:
Bitoma brevipes (Coleoptera)
Bothrideres setiger (Coleoptera)
Leptipsius striatus (Coleoptera)
Platypus ruguloslus (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus propinquus (Coleoptera)
Xyleborus torquatus (Coleoptera)
TAGETES:
Lygus sallei (Hemiptera)
TRITICUM:
Marava wallacei (Orthoptera)
TSUGA:
Lecanium fletcheri (Homoptera)
ULMUS:
Clytus arietis (Coleoptera)
Pteleobius vestitus (Coleoptera)
Pteleobius vittatus (Coleoptera)
VANDA—See Orchidaceae
VANILLA—See Orchidaceae
VICIA:
Bruchidius incarnatus (Coleoptera)
Bruchus dentipes (Coleoptera)
Bruchus ulicis (Coleoptera)
VIGNA:
Callosobruchus analis (Coleoptera)
ZEA:
Catorama tabaci (Coleoptera)
Diatraea grandiosella (Lepidoptera)
Diatraea saccharalis (Lepidoptera)
Eumecosomyia nubila (Diptera)
Euxesta stigmatias (Diptera)
Heliodines bella (Lepidoptera)
Leptipsius striatus (Coleoptera)
Moodna bisinuella (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)
ZINGIBER:
Targionia sacchari (Homoptera)
ZYGOPETALUM—See Orchidaceae

Hosts unknown

AIRPLANE:
Conoderus exsul (Coleoptera)
Drasterius scutellatus (Coleoptera)
Heraeus illitus (Hemiptera)
FLOWERS:
Ligyrocoris nitidicollis (Hemiptera)
Nysius strigosus (Hemiptera)
Opsius stactogalus (Homoptera)
GRASS SEED:
Coreyra cephalonica (Lepidoptera)
Paromius gracilis (Hemiptera)
HERB:
Amphicerus cornutus (Coleoptera)
Pintalia dorsivittata (Homoptera)
Renocis mexicanus (Coleoptera)
Tetraleurodes mori (Homoptera)
LOG:
Bitoma socialis (Coleoptera)
Brentus mexicanus (Coleoptera)
Colydodes gibbiceps (Coleoptera)
LOG—Continued
Cossonus canaliculatus (Coleoptera)
Lygaeus vittiscutis (Hemiptera)
Nasutitermes cornigera (Isoptera)
Placosternus difficilis (Coleoptera)
Platypus ruguloslus (Coleoptera)
Scolytus dimidiatus (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus fuscatus (Coleoptera)
Xyleborus propinquus (Coleoptera)
Xyleborus torquatus (Coleoptera)
MANGANESE:
Amphicerus cornutus (Coleoptera)
PACKING:
Forficula auricularia (Orthoptera)
Salax lacordairei (Coleoptera)
PALM:
Aspidiotus destructor (Homoptera)
Parlatoria blanchardi (Homoptera)

Hosts unknown—Continued

PAPER WRAPPER AROUND GRAPEFRUIT:
Ceratitis capitata (Diptera)
PLANT:
Parlatoria cinerea (Homoptera)
Tetraleurodes fici (Homoptera)
REFRIGERATOR CAR:
Anastrepha ludens (Diptera)
SEED:
Leptostylus gibbulosus (Coleoptera)
VEGETABLES:
Epicauta virgulata (Coleoptera)
WOOD:
Amphicerus cornutus (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Ips integer (Coleoptera)
Nicobium castaneum (Coleoptera)
Pityophthorus mexicanus (Coleoptera)
Sinoxylon anale (Coleoptera)
Trogoxylon prostomoides (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

Country of origin and insects

ALGERIA:
Ceutorhynchus quadridens
Psila rosae
AMERICAN VIRGIN ISLANDS:
Anastrepha mombinpraeoptans
ARABIA:
Bruchus dentipes
Callosobruchus analis
Parlatoria blanchardi
ARGENTINA:
Salax lacordairei
AUSTRALIA:
Adistemia watsonia
Cylas formicarius subsp. (?)
Marava wallacei
BAHAMAS:
Frankliniella insularis
BARBADOS:
Euscepes postfasciatus
BELGIAN CONGO:
Pseudaonidia trilobitiformis
BERMUDA:
Clerada apicicornis
Phenacoccus gossypii
Sitona lineatus
Taeniothrips gracilis
BRAZIL:
Acinaces lebasi
Anastrepha fraterculus
Cyllene congener
Euscepes postfasciatus
Lophocaterea pusillus
Parlatoria cinerea
Pseudaonidia trilobitiformis
Tenthecoris bicolor
Vinsonia stellifera
Zabrotes subfasciatus
BRITISH COLUMBIA:
Clepsis buscknna
Liothrips vaneeckei
BRITISH GUIANA:
Furcaspis biformis
Parlatoria ziziphus
BRITISH HONDURAS:
Aspidiotus destructor
CANADA:
Aleuroplatus myricae
Coleophora laricella
Dorytomus luridus
Frankliniella fusca
Frankliniella stylosa
Kakimia aquilegiae
Lecanium fletcheri
Liothrips vaneeckei
Phaenicia sericata
Phenacaspis pinifoliae
Phytomyza ilicis
Taeniothrips inconsequens
Taeniothrips simplex
Tetraleurodes ursorum
Zabrotes subfasciatus
CANAL ZONE:
Acanthoscelides alticola
Asterolecanium epidendri
Chrysomphalus umboniferus
Coccus viridis
Conchaspis angraeci
Drasterius scutellatus
Furcaspis biformis
Heraeus illitus
Leucaspis cockerelli
Parlatoria pseudaspidiotus
Pheiomerus aberrans
Vinsonia stellifera
CHINA:
Dinoderus brevis
Parlatoria ziziphus
COLOMBIA:
Acanthoscelides dominicanus
Coccus viridis
Eucalymnatus tessellatus
Furcaspis biformis
Hoplandrothrips xanthopoides
Leucaspis cockerelli
COSTA RICA:
Aspidiotus destructor
Aspidiotus palmae
Asterolecanium epidendri
Chrysomphalus umboniferus
Coccus viridis
Metamasius sericeus
Pseudischnaspis alienus
Pulvinaria psidii
CUBA:
Adraneothrips tibialis
Aleurocanthus woglumi
Anastrepha ludens
Aspidiotus destructor
Aspidiotus spinosus
Asterolecanium pustulans
Coccus viridis
Cylas formicarius elegantulus
Euscepes postfasciatus
Maruca testulalis
Palaeopus costicollis
Pectinophora gossypiella
Pseudischnaspis bowreyi
Pibua innoxia
Targionia bromeliae
Targionia hartii
CYPRUS:
Aonidia lauri
DOMINICAN REPUBLIC:
Acanthoscelides dominicanus
Coccus viridis
Corcyra cephalonica
Frankliniella insularis
Parlatoria cinerea
DUTCH WEST INDIES:
Corcyra cephalonica
ECUADOR:
Metamasius sericeus
Tetrapriocera longicornis
EGYPT:
Bruchidius incarnatus
Callosobruchus maculatus
Pectinophora gossypiella
ENGLAND:
Anaphothrips orchidaceous
Anaphothrips orchidii
Athous subfuscus
Barypeithes pellucidus
Bruchidius villosus
Ceutorhynchus pleurostigma
Ceutorhynchus quadridens
Clytus arietis
Dialeurodes chittendeni
Dorcus parallelopipedus
Dryocoetes villosus
Hercinothrips bicinctus
Lecanium corni
Leiopus nebulosus
Leperisinus fraxini
Lepidosaphes tuberculata
Liothrips vaneeckei
Lygus kalmii
Macrosiphum rubiellum
Melanotus rufipes

Country of origin and insects—Continued

ENGLAND—Continued.
Phyllotreta vittula
Pieris brassicae
Psila rosae
Pteleobius vestitus
Pteleobius vittatus
Pyrrhidium sanguineum
Rhyncolus lignarius
Silvanus unidentatus
Sinodendron cylindricum
Thrips fuscipennis
Xyleborus saxeseni
FRENCH WEST AFRICA:
Callosobruchus maculatus
GOLD COAST:
Silvanus unidentatus
Xyleborus confusus
Xylion adustus
Xylion securifer
Xylopertha crinitarsis
GUATEMALA:
Anastrepha ludens
Anastrepha serpentina
Aspidiotus destructor
Colligrapha pantherina
Chrysomphalus albopictus
Chrysomphalus umboniferus
Pseudischnaspis alienus
HAITI:
Anastrepha mombinpraeoptans
Neodryocoetes hubbardi
HAWAII:
Aonidiella inornata
Asterolecanium pustulans
Caryedon fuscus
Ceratitis capitata
Dialeurodes kirkaldyi
Ereunetis flavistriata
Furcaspis biformis
Haplothrips gowdeyi
Lepidosaphes tokonis
Perlatoria crotonis
Phenacaspis sandwicensis
Pinnaspis temporaria
Ripersia palmarum
Sternochetus mangiferae
HONDURAS:
Aspidiotus destructor
Aspidiotus palmae
Chrysomphalus scutiformis
Coccus viridis
Cylas formicarius elegantulus
Pseudischnaspis alienus
ICELAND:
Brachyrhinus arcticus
Hypnoidus riparius
INDIA:
Callosobruchus chinensis
Cylas formicarius, perhaps subsp. *formicarius*
Dinoderus bijoveolatus
Heterobostrychus aequalis
Sinoxylon anale
Targionia sacchari
IRAQ:
Bruchus dentipes
IRELAND:
Taeniothrips ericae
ITALY:
Bruchus ulicis
JAMAICA:
Anastrepha mombinpraeoptans
Asterolecanuim palmae
Callosobruchus maculatus
Cylas formicarius elegantulus
Neoclytus cacicus
Palaeopus costicollis
JAPAN:
Bruchus pisi
Cartodere ruficollis
MEXICO:
Acanthoscelides dominicanus
Acanthoscelides flexicaulis
Acanthoscelides griseolus
Acanthoscelides sallaei
Actenodes mendez
Adelphocoris rapidus
Aeolus puchellus
Agromyza virens

MEXICO—Continued.
Aleurocanthus woglumi
Alpheias conspirata
Amphicerus cornutus
Anacentrinus deplanatus
Anastrepha ludens
Anastrepha serpentina
Anuraphis helichrysi
Aphodius granarius
Arvelius albopunctatus
Aspidiotus covilleae
Aspidiotus degeneratus
Aspidiotus forbesi
Asterolecanium bambusae
Ataxia hubbardi
Auleius impressicollis
Autographa brassicae
Baris aerea
Bitoma brevipes
Bitoma socialis
Blixus pulchellus
Fothrideres setiger
Brentus mexicunus
Frochymena sulcata
Callidium texanum
Callosobruchus maculatus
Camptoprosopella media
Carneocephala nuda
Carneocephala sagittifera
Caryobruchus gleditsiae
Catolethrus longulus
Catorama tabaci
Celama sorghiella
Celerio lineata
Ceratocapsus apicalis
Ceratocapsus punctulatus
Ceroplastes cirripediformis
Cerotoma atrofasciata
Chaetopsis fulvifrons
Chalarus spurius
Chapuisia mexicana
Chilo loftini
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus smilacis
Ciocirius dorsivittatus
Colias eurytheme
Colydodes gibbiceps
Conoderus lividus
Conoderus vespertinus
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus leucophaeatus
Conotrachelus seniculus
Cossonus canaliculatus
Crocidosema plebeiana
Cryphula apicatus
Cryphula parallogramma
Curculio q-griseae
Cylas formicarius elegantulus
Cyllene antennatus
Cyphosterna bicolor
Cytopeltis varians
Dactylosternum abdominale
Deloyala guttata var.
Deltocephalus comesus
Dendrobiella aspera
Diatraea grandiosella
Diatraea saccharalis
Dinoderus biforeolatus
Disonycha militaris
Draeculacephala lenticula
Draeculacephala minerva
Drasterius livens
Drasterius scutellatus
Edessa cornuta
Elasmopalpus lignosellus
Empoasca solana
Epicaerus cognatus
Epicauta callosa
Epicauta nigritarsis
Epicauta tenella
Epicauta virgulata
Epilachna varivestis
Epinotia opposita
Epitrix fasciata
Epitrix hirtipennis
Erynephala puncticollis

Country of origin and insects—Continued

MEXICO—Continued.
Eucalymnatus tessellatus
Eumecosomyia nubila
Euphoria kerni
Euphoria nitens
Eurycipitia vestitus
Euzesta notata
Euzesta sororcula
Euzesta stigmatias
Everes comyntas
Evergestis rimosalis
Exitianus obscurinervis
Exptochiomera caeca
Feltia subterranea
Forcipomyia raleighi
Frankliniella cephalica
Frankliniella fortissima
Frankliniella fusca
Frankinothrips vespiformis
Furcaspis biformis
Galgupha punctifer
Geocoris lividipennis
Geocoris sonoraensis
Geocoris uliginosus speculator
Glyphonyx propinquus
Gnathotrichus denticulatus
Gnorimoschema gudmannella
Heliodines bella
Heliothis subflexa
Hellula phidilealis
Hellula undalis
Heraeus eximinus
Hermetia illucens
Hypogeocoris imperialis
Hypselonotus fulvus venosus
Ips integer
Ischnodemus umbratus
Lasconotus arrowi
Laspeyresia leguminis
Lepidosaphes peninsularis
Lepidosaphes philococcus
Leptipsivis striatus
Leptocera fontinalis
Leptophobia aripa
Lerina incarnata
Leucinodes elegantalis
Leucopoecila albofasciata
Lichtensia lutea
Ligyrocoris auririlliana
Ligyrocoris litigiosus
Ligyrocoris nitidicollis
Ligyrocoris nitidulus
Lineodes integra
Listronotus oregonensis
Lophocateres pusillus
Lorita abornana chatka
Lygaeus circumlinitus
Lygaeus lateralis
Lygaeus pulchellus
Lygaeus vittiscutis
Lygus elisus
Lygus oblineatus
Lygus sallei
Macrosteles divisus
Maruca testulalis
Merragata hebroides
Metamasius callizona
Metriona emarginata
Micrapate labialis
Monanthia monotropidia
Moodna bisinuella
Mordellistena cattleyana
Myodocha longicollis
Nabis alternatus
Nabis capsiformis
Nasutitermes cornigera
Neoclytus cacicus
Nicentrus testaceus
Niveaspis tecta
Norvellina texana
Nysius ericae
Nysius minutus
Nysius strigosus
Odontolozozus longicornis
Olibrus submaculatus
Opsius stactogalus
Pachybrachis hepaticus
Pachybrachius bilobatus

MEXICO—Continued.
Pachybrachius servillei
Parlatoria cinerea
Parysatis nigritarsis
Pectinophora gossypiella
Phenacoccus gossypii
Phenacoccus solani
Phyllecthrus subsulcatus
Phyllotreta albionica
Phyllotreta pusilla
Physonota alutacea
Pintalia dorsivittata
Pityophthorus cribratus
Pityophthorus mexicanus
Placosternus difficilis
Platynota rostrana
Platynota stultana
Platypus rugulosus
Pnyxia scabiei
Pseudischnaspis alienus
Pseudococcus boninsis
Pseudodiaspis multipora
Pseudoparlatoria serrulata
Pulvinaria psidii
Puto mexicanus
Puto yuccae
Renocis mexicanus
Rhopalosiphum rufomaculatum
Scolopocerus uhleri
Scolytus dimidiatus
Sisamnes contractus
Sixeonotus areolatus
Tenthecoris bicolor
Tetraleurodes acaciae
Tetraleurodes mori
Tetrapriocera longicornis
Trialeurodes vitrinellus
Trogoxylon prostomoides
Xyleborus confusus
Xyleborus fuscatus
Xyleborus propinquus
Xyleborus torquatus
Xylomeira torquata
Zabrotes subfasciatus
MOROCCO:
Psila rosae
Thrips angusticeps
MOZAMBIQUE:
Ceratitis capitata (?)
Odonaspis saccharicaulis
NEW CALEDONIA:
Nicobium castaneum
NEW ZEALAND:
Colobicus parilis
Psila rosae
NICARAGUA:
Leptostylus gibbulosus
Nasutitermes cornigera
Tetraleurodes fici
Xyleborus propinquus
PALESTINE:
Parlatoria oleae
PANAMA:
Aspidiotus destructor
Aspidiotus palmae
Coccus viridis
Dialeurodes citri
Eucalymnatus tessellatus
Furcaspis biformis
Metamasius sericeus
PERU:
Acanthoscelides ceratioborus
Dinoderus bifoveolatus
Euscepes postfasciatus
Lepidosaphes alba
PHILIPPINES:
Callosobruchus maculatus
PORTUGAL:
Bruchus tristiculus
Forficula auricularia
Laspeyresia splendana
Lixus mucronatus
Melanthrips fuscus
Taeniothrips dianthi
PUERTO RICO:
Aleurothrixus howardi
Anastrepha mombinpraeoptans
Callosobruchus chinensis

Country of origin and insects—Continued

PUERTO RICO—Continued.
Coccus viridis
Cylas formicarius elegantulus
Euscepes postfasciatus
Pectinophora gossypiella
Pulvinaria peidii
Vinsonia stellifera
QUEENSLAND:
Oxycarenus luctuosus
ST. LUCIA:
Tetramorium simillimum
ST. VINCENT:
Furcaspis biformis
SALVADOR:
Acanthoscelides dominicanus
SCOTLAND:
Brachyrhinus arcticus
Hypnoides riparius
Micrelus ericae
Taeniothrips ericae
SPAIN:
Parlatoria oleae
TANGANYIKA:
Stephanoderes hampei
THAILAND:
Aonidiella comperei
TRINIDAD:
Aganactesis indecora
Aspidiotus excisus
Aspidiotus herculeanus
Aulacaspis mangiferae
Chrysomphalus personatus
Dercynus micronyx
Euscepes postfasciatus

TRINIDAD—Continued.
Faustinus cubae
Furcaspis biformis
Palaeopus costicollis
Pectinophora gossypiella
Protopulvinaria pyriformis
Stephanoderes brasiliensis
Stephanoderes buscki
UNION OF SOUTH AFRICA:
Callosobruchus chinensis
Ceratitis capitata
Paromius gracilis
Zabrotes subfasciatus
UNKNOWN:
Asterolecanium epidendri
Chilo simplex (?)
Conoderus exsul
Furcaspis biformis
Nasutitermes cornigera
Taeniothrips atratus
Xenomyrmex panamanus
URUGUAY:
Acanthoscelides spinipes
VENEZUELA:
Aspidiotus palmae
Coccus viridis
Eurytoma orchidearum
Furcaspis biformis
Protopulvinaria pyriformis
Tenthecoris bicolor
Zabrotes subfasciatus
VIRGIN ISLANDS:
Pectinophora gossypiella

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive

[All findings marked with an asterisk indicate State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Acrothecium lunatum Wakk.:					
Cucumis sativus (cucumber)	Cuba		1		Md.
Alternaria citri Ell. & Pierce:					
Citrus paradisi (grapefruit)	Argentina		1		N. Y.
Aphelenchus avenae Bastian:					
Solanum tuberosum (potato)	Portugal		1		Pa.
Ascochyta chrysanthemi F. L. Stevens:					
Chrysanthemum sp.	Mexico	1			Tex.
Ascochyta citri Penz. (?):					
Citrus limon (lemon)	Argentina		1		N. Y.
Bacterium citri (Hasse) Doidge:					
Citrus grandis (pomelo)	Thailand	1			N. Y.
Botrytis allii Munn:					
Allium cepa (onion)	Mexico, New Zealand	1	1		Calif.*, Tex.
Botrytis narcissicola Kleb.:					
Narcissus sp.	England, Ireland			4	N. J.
Ceratostomella ips Rumbold:					
Pinus sp. (pine)	England			1	N. J.
Cercospora althaeina Sacc.:					
Gossypium sp. (cotton)	Mexico	1			Tex.
Cercospora angreci Roum.:					
Odontioda sp. (orchid)	England			1	N. J.
Odontoglossum sp. (orchid)	do			1	N. J.
Cercospora atricincta Heald & Wolf:					
Zinnia sp.	Mexico	1			Tex.
Cercospora celosiae Syd. (?):					
Celosia sp. (?) (cockscomb)	do	1			Tex.
Cercospora coleroides Sacc.:					
Castilloa elastica (white sapote)	do	1			N. Y.
Cercospora musae Zimm.:					
Musa paradisiaca sapientum (banana)	Honduras, Jamaica, Mexico, Puerto Rico, Venezuela.	19	5	1	Md., Mass. N. J., N. Y., Tex.
Cercospora nicotianae Ell. & Ev.:					
Nicotiana tabacum (tobacco)	Mozambique	1			N. Y.
Cercospora personata (Berk. & Curt.) Ell. & Ev.:					
Arachis hypogaea (peanut)	Mexico	1			N. Y.
Cercospora zechiae Stevenson:					
Zechiae esculenta (okra)	Cuba	1			Fla.*

List of pests collected and reported from July 1, 1942, to June 30, 1943, inclusive—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Cercospora vaginae Krueger:					
Saccharum officinarum (sugarcane)	Mexico		1		Tex.
Cerebella andropogonis Ces.:					
Paspalum dilatatum (dallis grass)	Australia	2		1	N. Y.
Chaetomium elatum Kze. & Schm.:					
Avena sativa (oat)	Canada	1			Pa.
Cladosporium carpophilum Thuem.:					
Prunus persica (peach)	Mexico	1			Tex.
Claviceps paspali F. L. Stevens & J. G. Hall:					
Paspalum dilatatum (dallis grass)	Australia			1	N. Y.
Paspalum sp	Australia, Cuba	1		1	N. Y.
Claviceps purpurea (Fr.) Tul.:					
Bromus sp. (bromegrass)	Canada			1	Mass.
Lolium sp	Uruguay			1	N. J.
Colletotrichum graminicolum (Ces.) G. W. Wils:					
Triticum aestivum (wheat)	Australia	1			Oreg.
Colletotrichum lagenarium (Pass.) Ell. & Halst.:					
Sechium edule (chayote)	Mexico		1		Tex.
Colletotrichum lineola Cda.:					
Sorghum halepense (Johnson grass)	do		1		Tex.
Sorghum vulgare (sorghum)	do		1		Tex.
Colletotrichum macrosporum Sacc.:					
Miltonia vexillaria (orchid)	Colombia			1	P. R.
Stanhopea sp. (orchid)	Costa Rica			1	N. J.
Colletotrichum pisi Pat.:					
Lathyrus odoratus (sweetpea)	Mexico	1			Tex.
Pisum sativum (pea)	do	1			Tex.
Colletotrichum vauillae Scalia:					
Cattleya sp (orchid)	Colombia			1	P. R.
Cytospora palmarum Cke.:					
Cocos nucifera (coconut)	Trinidad	1			Mass.
Daldinia gollani P. Henn.:					
Caesolpinia sp	Nicaragua	1			Calif.*
Dematium pullulans DBy.:					
Cattleya sp. (orchid)	Venezuela			1	N. J.
Oncidium sp. (?) (orchid)	Salvador			1	N. J.
Diaporte binoculata (Ell.) Sacc.:					
Magnolia watsoni (Watson magnolia)	England			1	N. J.
Diplodia henriquessiana Trav. & Spessa:					
Stanhopea sp. (orchid)	Venezuela			1	N. J.
Diplodia paraphysaria Sacc.:					
Batemannia sp. (orchid)	Colombia			1	P. R.
Cattleya sp. (orchid)	do			1	P. R.
Diplodia rosarum Fr.:					
Rosa sp	Spain			1	N. J.
Diplodia theobromae (Pat.) (Nowell:					
Saccharum officinarum (sugarcane)	New Hebrides			1	Calif.*
Ditylenchus dipsaci (Kuhn) Filipjev:					
Narcissus bulbocodium conspicuus	England			1	N. J.
Narcissus sp	England, Ireland			5	N. J.
Elsinoe australis Bitanc. & Jenkins:					
Citrus limon (lemon)	Argentina, Uruguay		3		N. Y., Pa.
Citrus sinensis (orange)	Brazil	1	6		Fla.*, Md., N. Y., Pa.
Fabraea maculata (Lev.) Atk.:					
Cydonia oblonga (quince)	Mexico	1			Tex.
Fusarium heterosporum Nees:					
Paspalum dilatatum (dallis grass)	Australia			1	N. Y.
Paspalum sp	Australia, Cuba	1		2	N. Y.
Fusicladium eriobotryae Cav.:					
Eriobotrya japonica (loquat)	Portugal		1		Pa.
Gloeosporium cattleyae Sacc. & D. Sacc.:					
Cattleyea sp. (orchid)	Venezuela			1	P. R.
Gloeosporium epidendri P. Henn.:					
Epidendrum secundum (orchid)	Trinidad			1	P. R.
Gloeosporium fructigenum Berk.:					
Malus pumila (apple)	Portugal		1		Pa.
Gloeosporium leguminum (Cke.) Sacc.:					
Prosopis sp. (mesquite)	Mexico			9	Tex.
Gloeosporium mangiferae P. Henn.:					
Mangifera indica (mango)	Dominican Republic	1			P. R.
Gloeosporium oncidii Oud.:					
Oncidium papillio (orchid)	Trinidad			1	P. R.
Helminthosporium oryzae de Haan:					
Oryza sativa (rice)	Salvador	1			Tex.

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Hendersonia oryzae Miy. (?):					
Oryza sativa	China	1			Calif.*
Heterosporium allii-cepae Ranoj.:					
Allium porrum (leek)	Japan	1			Wash.
Heterosporium avenae Oud.:					
Avena sativa (oat)	Australia, New Zealand	2			Oreg., Wash.
Heterosporium avenae Oud (?):					
Avena sativa	Australia, Canada	2			Wash.
Triticum aestivum (wheat)	Australia	1			Wash.
Heterosporium echinulatum (Berk.) Cke.:					
Dianthus sp. (carnation)	Guatemala, Honduras, Mexico.	5	1		Tex.
Heterosporium variabile Cke.:					
Spinocia oleracea (spinach)	Mexico	3			Ariz.
Heterosporium variabile Cke. (?):					
Dianthus "peristeri"	Canada			1	N. J.
Hormodendron cladosporioides (Fres.) Sacc.:					
Capsicum frutescens (pepper)	Panama		1		N. Y.
Lycopersicon esculentum (tomato)	Azores		1		Pa.
Lenzites striata Sw. ex Fr.:					
Caesalpinia sp	Nicaragua	1			Calif.*
Lethum australiense typicum Holmes:					
Lycopersicon esculentum (tomato)	Mexico	221			Ariz.
Macrosporium sarcinula Berk.:					
Brassica oleracea capitata (cabbage)	Portugal		1		Pa.
Marmor tabaci vulgare Holmes:					
Capsicum frutescens (pepper):	Mexico	184			Ariz.
Melampsora lini (Pers.) Lev.:					
Linum usitatissimum (flax)	Canada	1			Wash.
Melanconium lineolatum Sacc.:					
Bamboo	Mexico	1			Ariz.
Melanospora matthirolianum Mirande:					
Lycopersicon esculentum (tomato)	do	1			Tex.
Monilinia cinerea (Bon.) Honey:					
Prunus sp. (cherry)	Portugal	1	1		Pa.
Mycosphaerella schoenoprasi (Rab.) Schroet.:					
Allium porrum (leek)	Union of South Africa		1		Pa.
Allium sativum (garlic)	Portugal		1		Pa.
Myrothecium roridum Tode:					
Agave sp	Mexico			1	Calif.*
Nigrospora oryzae (Berk. & Br.) Petch.:					
Oryza sativa (rice)	India, Portugal	3			Mass., Pa.
Papularia vinosum (Berk. & Curt.) Mason:					
Bamboo	Mexico	1			Ariz.
Pestalozzia funerea Desm.:					
Thuja occidentalis (American arborvitae).	Canada			1	N. J.
Pestalozzia macrotricha Kleb.:					
Rhododendron sp	England			1	N. J.
Pestalozzia palmarum Cke.:					
Cocos nucifera (coconut)	Samoa	1			Calif.*
Phaeosphaeria oryzae Miy.:					
Oryza sativa (rice)	Burma, Japan	1	8		Calif.*, Wash.
Phleospora multimaculans Heald & Wolf:					
Juglans sp. (walnut)	Mexico	3			Tex.
Phoma citricarpa McAlp.:					
Citrus limon (lemon)	Australia		5		Calif.*, N. Y.
Citrus sinensis (orange)	Australia, Union of South Africa.			9	Calif.*, N. Y., Va.
Phoma glumarum Ell. & Tracy:					
Oryza sativa (rice)	Nicaragua	1			Tex.
Phoma terrestris Hansen:					
Pastinaca sativa (parsnip)	England		1		N. Y.
Phyllachora graminis (Fr.) Fckl.:					
Triticum aestivum (wheat)	Morocco	1			N. Y.
Phyllachora huberi P. Henn.:					
Hevea brasiliensis	Brazil	1			Fla.*
Phyllosticta bonanseana Sacc.(?):					
Medicago sativa (alfalfa)	Mexico	1			Pa.
Phyllosticta glumarum (Ell. & Tracy) Miy.:					
Oryza sativa (rice)	China	1			Wash.
Physalospora cattleyae Maub. & Lasnier:					
Stanhopea sp. (orchid)	Mexico			2	N. J.
Physalospora orchidearum P. Henn.:					
Cattleya sp. (orchid)	Trinidad			1	P. R.

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Phytophthora capsici Leonian:					
Capsicum frutescens (pepper)	Mexico	1			Tex.
Phytophthora parasitica Dast.:					
Lycopersicon esculentum (tomato)	do	1			Tex.
Solanum melongena (eggplant)	do	1			Ariz.
Polyporus lionoides Mont.:					
Caesalpinia sp	Nicaragua	1			Calif.*
Polyporus sanguineus Fr.:					
Caesalpinia sp	do	1			Calif.*
Polystictus versicolor Fr.:					
Wood	Mexico			1	Tex.
Pseudoperonospora cubensis (Berk. & Curt.) Rostow:					
Cucurbita maxima (squash)	do	1			Tex.
Pseudopeziza medicaginis (Lib.) Sacc.:					
Medicago sativa (alfalfa)	do	1			Tex.
Puccinia tageticola Diet. & Holw.:					
Tagetes florida (marigold)	do	1			Tex.
Pucciniastrum pustulatum (Pers.) Diet.:					
Epilobium angustifolium (fireweed)	Canada	1			Wash.
Pyrenochaeta oryzae Shirai:					
Oryza sativa (rice)	Japan	1			Wash.
Pythium aphanidermatum (Edson) Fitz.:					
Phaseolus sp. (string bean)	Mexico	2			Tex.
Rhytisma acerinum Fr.:					
Acer sp. (maple)	Canada	2			Mass.
Sclerotinia bulborum (Wakk.) Rehm.:					
Hyacinthus sp	England			1	N. Y.
Sclerotium cepivorum Berk.:					
Allium sativum (garlic)	Mexico	1			Tex.
Septoria anthrisci Pass. & Brun.:					
Chaerophyllum sp. (chervil)	Portugal		1		Pa.
Petroselinum crispum (parsley)	do		1		Pa.
Septoria apii-graveolentis Dorogin:					
Apium graveolens (celery)	England, Union of South Africa, Wales.		3		N. Y., Pa.
Septoria citri Pass.:					
Citrus limon (lemon)	Italy		1		Pa.
Citrus sinensis (orange)	Portugal		1		Pa.
Septoria dianthi Desm.:					
Dianthus sp. (carnation)	Bermuda	1			N. Y.
Septoria pisi West.:					
Pisum sativum (pea)	Mexico	1			Tex.
Septoria rosae Desm.:					
Rosa sp	do		1		Tex.
Sphaceloma fawcettii var. *scabiosa* Jenkins:					
Citrus limon (lemon)	Australia		1		Md.
Sphaceloma perseae Jenkins:					
Persea americana (avocado)	American Virgin Islands, Jamaica.		2		P. R.
Sphaerella exutans Cke.:					
Persea sp	Mexico	1			Tex.
Stachylidium theobromae Turc.:					
Musa paradisiaca sapientum (banana)	Trinidad	1			Md.
Trametes hydnoides Fr.:					
Caesalpinia sp	Nicaragua	2			Calif.*
Uromyces fabae (Pers.) DBy.:					
Vicia faba (fava bean)	Portugal	1	1		Pa.
Uromyces polygoni Fckl.:					
Polygonum aviculare (prostrate knotweed).	England	1			N. Y.
Uromyces striatus Schroet.:					
Medicago sativa (alfalfa)	Mexico	1			Tex.
Ustilago avenae (Pers.) Jens.:					
Avena sativa (oat)	Australia	2			N. Y., Pa.
Ustilago hordei (Pers.) Kell. & Swing.:					
Hordeum vulgare (barley)	Mexico, New Zealand	2			Ariz., Md.
Ustilago levis (Kell. & Swing.) Magn.:					
Avena sativa (oat)	Australia or New Zealand (soldier's mail).	1			Pa.
Ustilago tritici (Pers.) Rostr. (?):					
Triticum aestivum (wheat)	Australia	1			Wash.
Vermicularia capsici Syd.:					
Lycopersicon esculentum (tomato)	Colombia		1		La.
Vermicularia herbarum West.:					
Dianthus sp. (carnation)	Canada			1	N. J.

Hosts and diseases

ACER:
Myrothecium roridum (Deuteromycetes)
Rhytisma acerinum (Ascomycetes)
ALLIUM CEPA:
Botrytis allii (Deuteromycetes)
ALLIUM PORRUM:
Heterosporium allii cepae (Deuteromycetes)
Mycosphaerella schoenoprasi (Ascomycetes)
ALLIUM SATIVUM:
Mycosphaerella schoenoprasi (Ascomycetes)
Sclerotium cepivorum (Deuteromycetes)
APIUM:
Septoria apii-graveolentis (Deuteromycetes)
ARACHIS:
Cercospora personata (Deuteromycetes)
AVENA:
Chaetomium elatum (Ascomycetes)
Heterosporium avenae (Deuteromycetes)
Ustilago avenae (Promycetes)
Ustilago levis (Promycetes)
BAMBOO:
Melanconium lineolatum (Deuteromycetes)
Papularia vinosum (Deuteromycetes)
BATEMANNIA—See Orchidaceae
BRASSICA OLERACEA CAPITATA:
Macrosporium sarcinula (Deuteromycetes)
BROMUS:
Claviceps purpurea (Ascomycetes)
CAESALPINIA:
Daldinia gollani (Ascomycetes)
Lenzites striata (Basidiomycetes)
Polyporus lionoides (Basidiomycetes)
Polyporus sanguineus (Basidiomycetes)
Trametes hydnoides (Basidiomycetes)
CAPSICUM:
Hormodendron cladosporioides (Deuteromycetes)
Marmor tabaci vulgare (Virus)
Phytophthora capsici (Phycomycetes)
CASIMIROA:
Cercospora coleroides (Deuteromycetes)
CATTLEYA—See Orchidaceae
CELOSIA:
Cercospora celosiae (?) (Deuteromycetes)
CHAEROPHYLLUM:
Septoria anthrisci (Deuteromycetes)
CHRYSANTHEMUM:
Ascochyta chrysanthemi (Deuteromycetes)
CITRUS GRANDIS:
Bacterium citri (Schizomycetes)
CITRUS LIMON:
Ascochyta citri (?) (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
CITRUS PARADISI:
Alternaria citri (Deuteromycetes)
CITRUS SINENSIS:
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
COCOS:
Cytospora palmarum (Deuteromycetes)
Pestalozzia palmarum (Deuteromycetes)
CUCUMIS:
Acrothecium lunatum (Deuteromycetes)
CUCURBITA:
Pseudoperonospora cubensis (Phycomycetes)
CYDONIA:
Fabraea maculata (Ascomycetes)
DIANTHUS:
Heterosporium echinulatum (Deuteromycetes)
Heterosporium variabile (Deuteromycetes)
Septoria dianthi (Deuteromycetes)
Vermicularia herbarum (Deuteromycetes)
EPIDENDRUM—See Orchidaceae
EPILOBIUM:
Pucciniastrum pustulatum (Promycetes)
ERIOBOTRYA:
Fusicladium eriobotryae (Deuteromycetes)
GOSSYPIUM:
Cercospora althaeina (Deuteromycetes)
HEVEA:
Phyllachora huberi (Ascomycetes)
HORDEUM:
Ustilago hordei (Promycetes)
HYACINTHUS:
Sclerotinia bulborum (Ascomycetes)
JUGLANS:
Phleospora multimaculans (Deuteromycetes)
LATHYRUS:
Colletotrichum pisi (Deuteromycetes)
LINUM:
Melampsora lini (Promycetes)
LOLIUM:
Claviceps purpurea (Ascomycetes)
LYCOPERSICON:
Hormodendron cladosporioides (Deuteromycetes)
Lethum australiense typicum (Virus)
Melanospora matthirolianum (Ascomycetes)
Phytophthora parasitica (Phycomycetes)
Verimucularia capsici (Deuteromycetes)
MAGNOLIA:
Diaporthe binoculata (Ascomycetes)
MALUS:
Gloeosporium fructigenum (Deuteromycetes)
MANGIFERA:
Gloeosporium mangiferae (Deuteromycetes)
MEDICAGO:
Phyllosticta bonanseana (?) (Deuteromycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus (Promycetes)
MILTONIA—See Orchidaceae
MUSA PARADISIACA SAPIENTUM:
Cercospora musae (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
NARCISSUS:
Botrytis narcissicola (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
NICOTIANA:
Cercospora nicotianae (Deuteromycetes)
ODONTIODA—See Orchidaceae
ODONTOGLOSSUM—See Orchidaceae
ONCIDIUM—See Orchidaceae
ORCHIDACEAE:
Cerocospora angreci (Deuteromycetes)
Collectotrichum macrosporum (Deuteromycetes)
Colletotrichum vanillae (Deuteromycetes)
Dematium pullulans (Deuteromycetes)
Diplodia henriquessiana (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Gloeosporium cattleyae (Deuteromycetes)
Gloeosporium epidendri (Deuteromycetes)
Gloeosporium oncidii (Deuteromycetes)
Physalospora cattleyae (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
ORYZA:
Helminthosporium oryzae (Deuteromycetes)
Hendersonia oryzae (?) (Deuteromycetes)
Nigrospora oryzae (Deuteromycetes)
Phaeosphaeria oryzae (Ascomycetes)
Phoma glumarum (Deuteromycetes)
Phyllosticta glumarum (Deuteromycetes)
Pyrenochaeta oryzae (Deuteromycetes)
PASPALUM:
Cerebella andropogonis (Deuteromycetes)
Claviceps paspali (Ascomycetes)
Fusarium heterosporium (Deuteromycetes)
PASTINACA:
Phoma terrestris (Deuteromycetes)
PERSEA:
Sphaceloma persea (Deuteromycetes)
Sphaerella exutans (Ascomycetes)
PETROSELINUM:
Septoria anthrisci (Deuteromycetes)
PHASEOLUS:
Pythium aphanidermatum (Phycomycetes)
PINUS:
Ceratostomella ips (Ascomycetes)
PISUM:
Colletotrichum pisi (Deuteromycetes)
Septoria pisi (Deuteromycetes)
POLYGONUM:
Uromyces polygoni (Promycetes)
PROSOPIS:
Gloeosporium leguminum (Deuteromycetes)
PRUNUS:
Cladosporium carpophilum (Deuteromycetes)
Monilinia cinerea (Deuteromycetes)
RHODODENDRON:
Pestulozzia macrotricha (Deuteromycetes)
ROSA:
Diplodia rosarum (Deuteromycetes)
Septoria rosae (Deuteromycetes)

Hosts and diseases—Continued

SACCHARUM:
Cercospora vaginae (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
SECHIUM:
Cercospora sechiae (Deuteromycetes)
Colletotrichum lagenarium (Deuteromycetes)
SOLANUM MELONGENA:
Phytophthora parasitica (Phycomycetes)
SOLANUM TUBEROSUM:
Aphelenchus avenae (Nematoda)
SORGHUM HALEPENSE:
Colletotrichum lineola (Deuteromycetes)
SORGHUM VULGARE:
Colletotrichum lineola (Deuteromycetes)
SPINACIA:
Heterosporium variabile (Deuteromycetes)
STANHOPEA—See Orchidaceae
TAGETES:
Puccinia tageticola (Promycetes)
THUJA:
Pestalozzia funerea (Deuteromycetes)
TRITICUM:
Colletotrichum graminicolum (Deuteromycetes)
Heterosporium avenae (?) (Deuteromycetes)
Phyllachora graminis (Ascomycetes)
Ustilago tritici (?) (Promycetes)
VICIA:
Uromyces fabae (Promycetes)
WOOD:
Polystictus versicolor (Basidiomycetes)
ZINNIA:
Cercospora atricincta (Deuteromycetes)

Country of origin and diseases

AMERICAN VIRGIN ISLANDS:
Sphaceloma perseae
ARGENTINA:
Alternaria citri
Ascochyta citri (?)
Elsinoe australis
AUSTRALIA:
Cerebella andropogonis
Claviceps paspali
Colletotrichum graminicolum
Fusarium heterosporum
Heterosporium avenae
Phoma citricarpa
Sphaceloma fawcettii var. *scabiosa*
Ustilago avenae
Ustilago levis (Australia or New Zealand)
Ustilago tritici
AZORES:
Hormodendron cladosporioides
BERMUDA:
Septoria dianthi
BRAZIL:
Elsinoe australis
Phyllachora huberi
BURMA:
Phaeosphaeria oryzae (?)
CANADA:
Chaetomium elatum
Claviceps purpurea
Heterosporium avenae (?)
Heterosporium variabile
Melampsora lini
Pestalozzia funerea
Pucciniastrum pustulatum
Rhytisma acerinum
Vermicularia herbarum
CHINA:
Hendersonia oryzae (?)
Phyllosticta glumarum
COLOMBIA:
Colletotrichum macrosporum (?)
Colletotrichum vanillae
Diplodia paraphysaria
Vermicularia capsici
COSTA RICA:
Colletotrichum macrosporum
CUBA:
Acrothecium lunatum
Cercospora sechiae
Claviceps paspali
Fusarium heterosporum
DOMINICAN REPUBLIC:
Gloeosporium mangiferae
ENGLAND:
Botrytis narcissicola
Ceratostomella ips
Cercospora angreci
Diaporthe binoculata
Ditylenchus dipsaci
Pestalozzia macrotricha
Phoma terrestris
Sclerotinia bulborum
Septoria apii-graveolentis
Uromyces polygoni
GUATEMALA:
Heterosporium echinulatum
HONDURAS:
Cercospora musae
Heterosporium echinulatum
INDIA:
Nigrospora oryzae
IRELAND:
Botrytis narcissicola
Ditylenchus dipsaci
ITALY:
Septoria citri
JAMAICA:
Cercospora musae
Sphaceloma perseae
JAPAN:
Heterosporium allii-cepae
Phaeosphaeria oryzae
Pyrenochaeta oryzae
MEXICO:
Ascochyta chrysanthemi
Botrytis allii (?)
Cercospora althaeina
Cercospora atricincta
Cercospora celosiae (?)
Cercospora coleroides
Cercospora musae
Cercospora personata
Cercospora vaginae
Cladosporium carpophilum
Colletotrichum lagenarium
Colletotrichum lineola
Colletotrichum pisi
Fabraea maculata
Gloeosporium leguminum
Heterosporium echinulatum
Heterosporium variabile
Lethum australiense typicum
Marmor tabaci vulgare
Melanconium lineolatum
Melanospora matthiolianum
Myrothecium roridum
Papularia vinosum
Phleospora multimaculans
Phyllosticta bohanseana (?)
Physalospora cattleyae
Phytophthora capsici
Phytophthora parasitica
Polystictus versicolor
Pseudoperonospora cubensis
Pseudopeziza medicaginis
Puccinia tageticola
Pythium aphanidermatum
Sclerotium cepivorum
Septoria pisi
Septoria rosae
Sphaerella exutans
Uromyces striatus
Ustilago hordei
MOROCCO:
Phyllachora graminis
MOZAMBIQUE:
Cercospora nicotianae
NEW HEBRIDES:
Diplodia theobromae
NEW ZEALAND:
Botrytis allii
Heterosporium avenae
Ustilago hordei

Country of origin and diseases—Continued

NICARAGUA:
Daldinia gollani
Lenzites striata
Phoma glumarum
Polyporus lionoides
Polyporus sanguineus
Trametes hydnoides

PANAMA:
Hormodendron cladosporioides

PORTUGAL:
Aphelenchus avenae
Fusicladium eriobotryae
Gloeosporium fructigenum
Macrosporium sarcinula
Monilinia cinerea
Mycosphaerella schoenoprasi
Nigrospora oryzae
Septoria anthrisci
Septoria citri
Uromyces fabae

PUERTO RICO:
Cercospora musae

SALVADOR:
Dematium pullulans
Helminthosporium oryzae

SAMOA:
Pestalozzia palmarum

SPAIN:
Diplodia rosarum

THAILAND:
Bacterium citri

TRINIDAD:
Cytospora palmarum
Gloeosporium epidendri
Gloeosporium oncidii
Physalospora orchidearum
Stachylidium theobromae

UNION OF SOUTH AFRICA:
Mycosphaerella schoenoprasi
Phoma citricarpa
Septoria apii-graveolentis

URUGUAY:
Claviceps purpurea
Elsinoe australis

VENEZUELA:
Cercospora musae
Dematium pullulans
Diplodia henriquessiana
Gloeosporium cattleyae

WALES:
Septoria apii-graveolentis

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